

FIG. 1

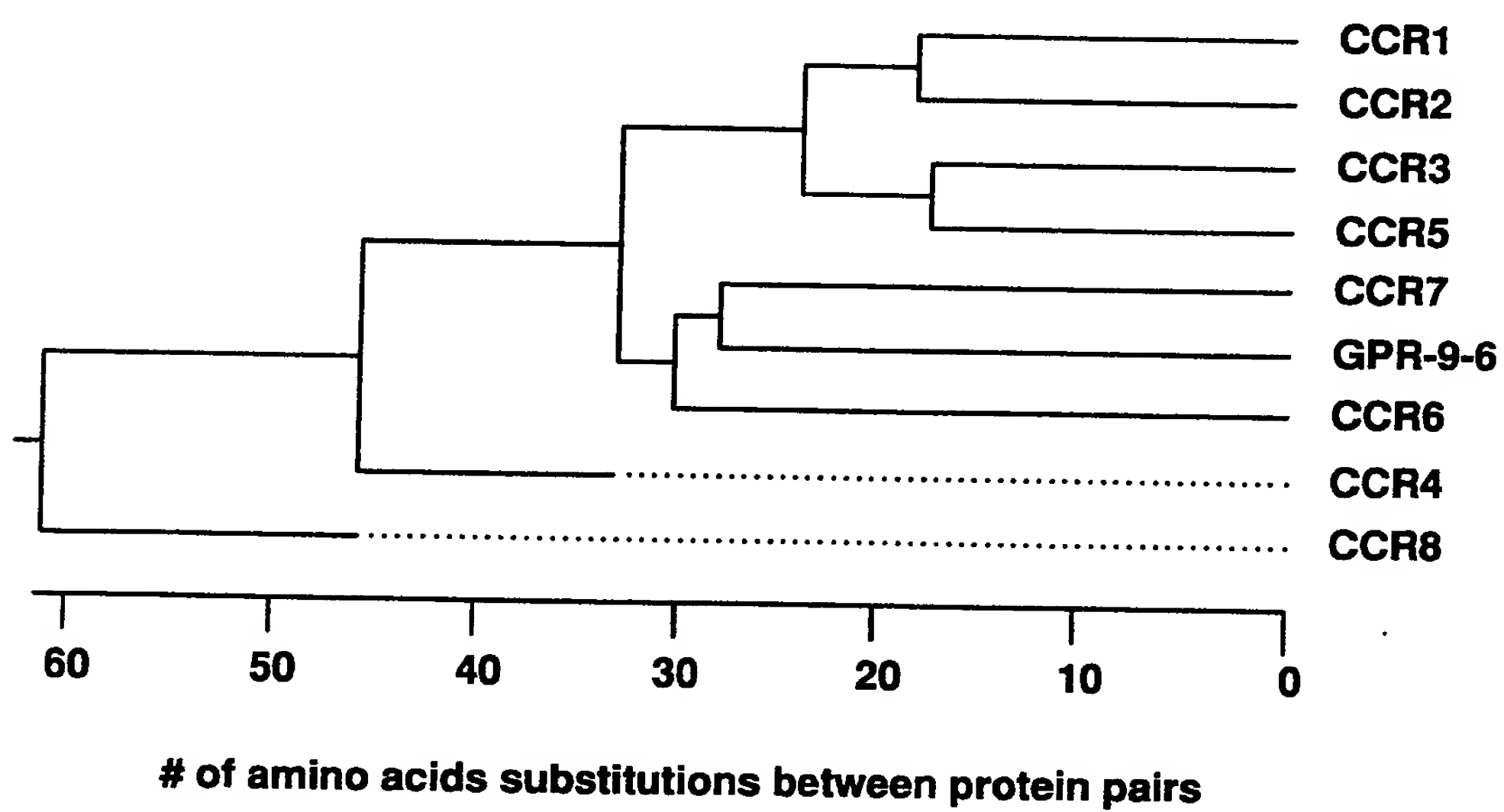


FIG. 2A

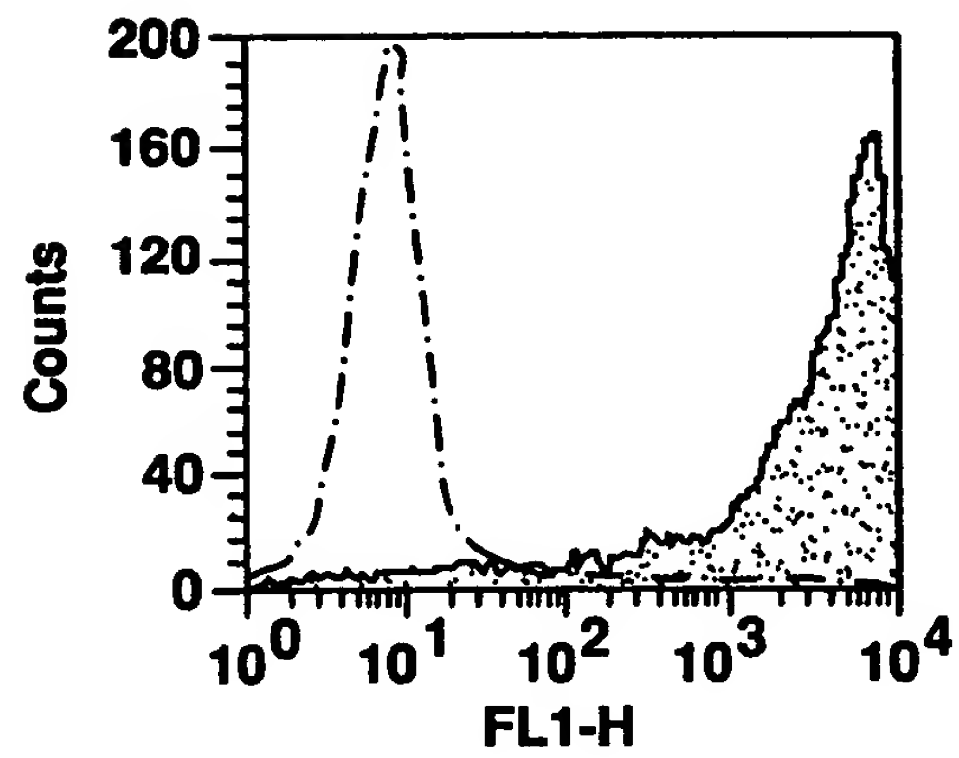


FIG. 2B

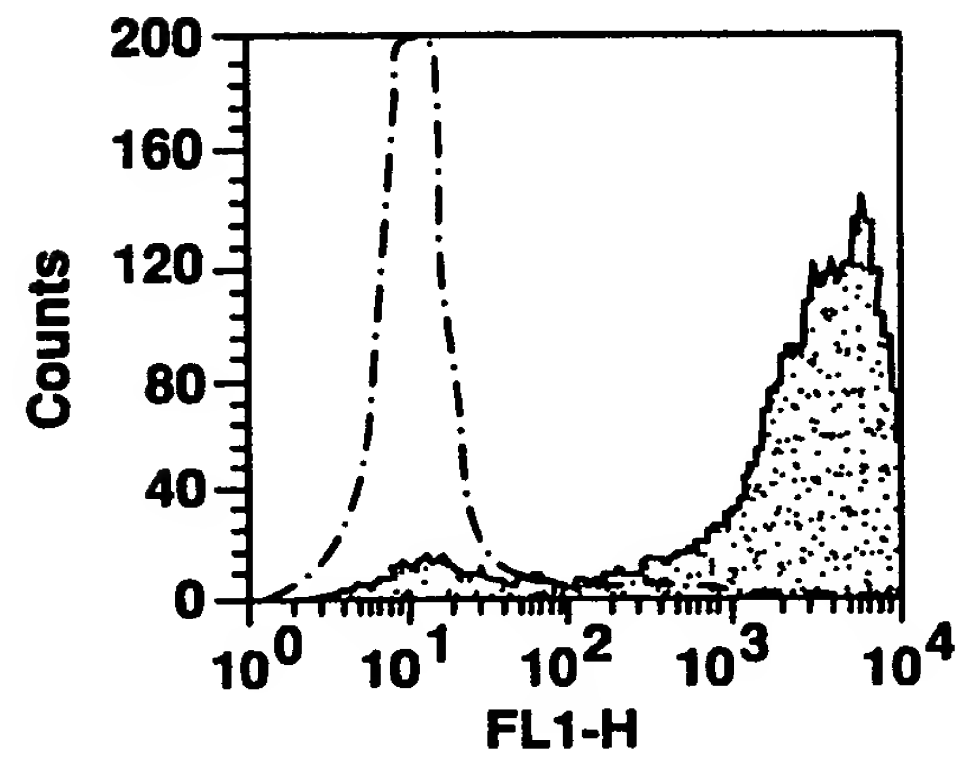


FIG. 3A

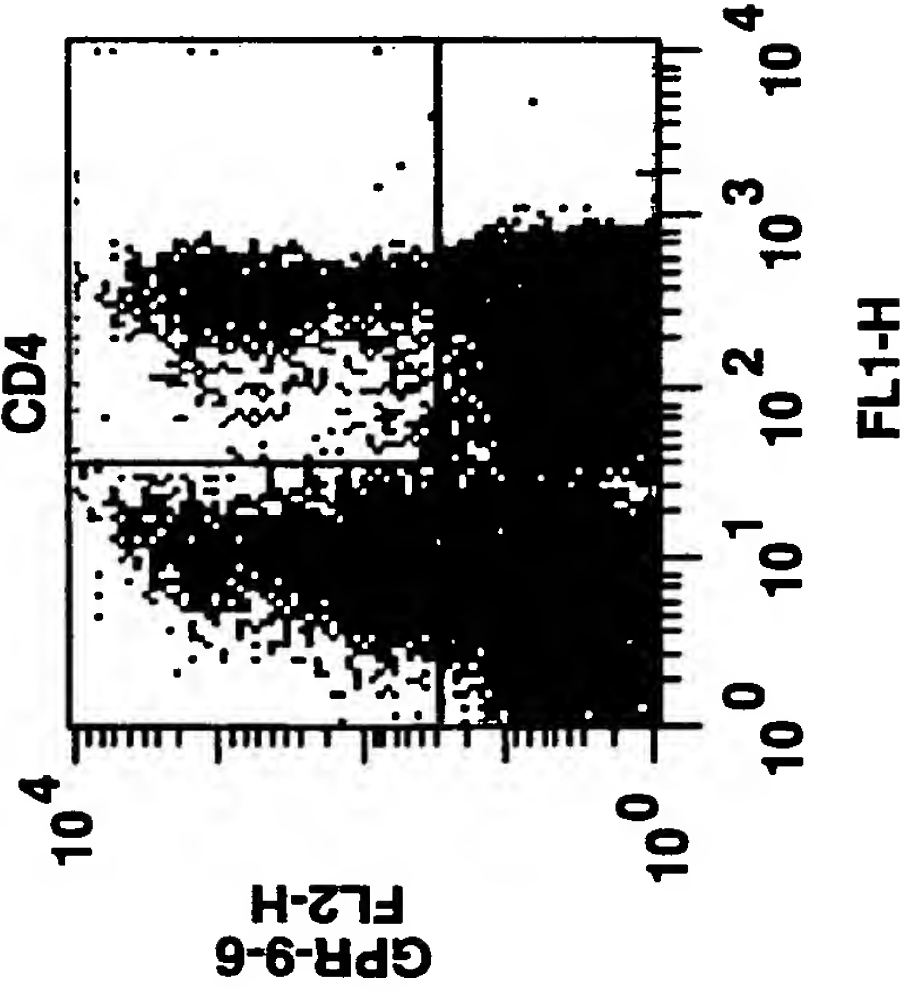


FIG. 3B

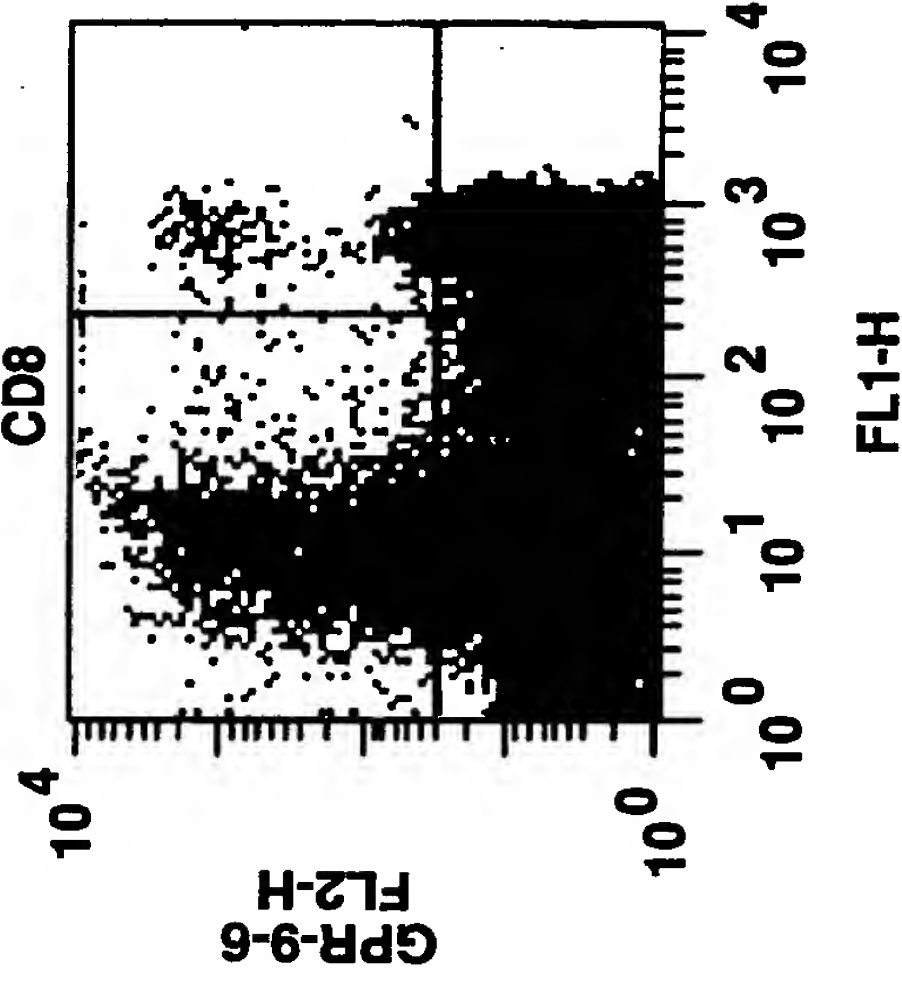


FIG. 3C

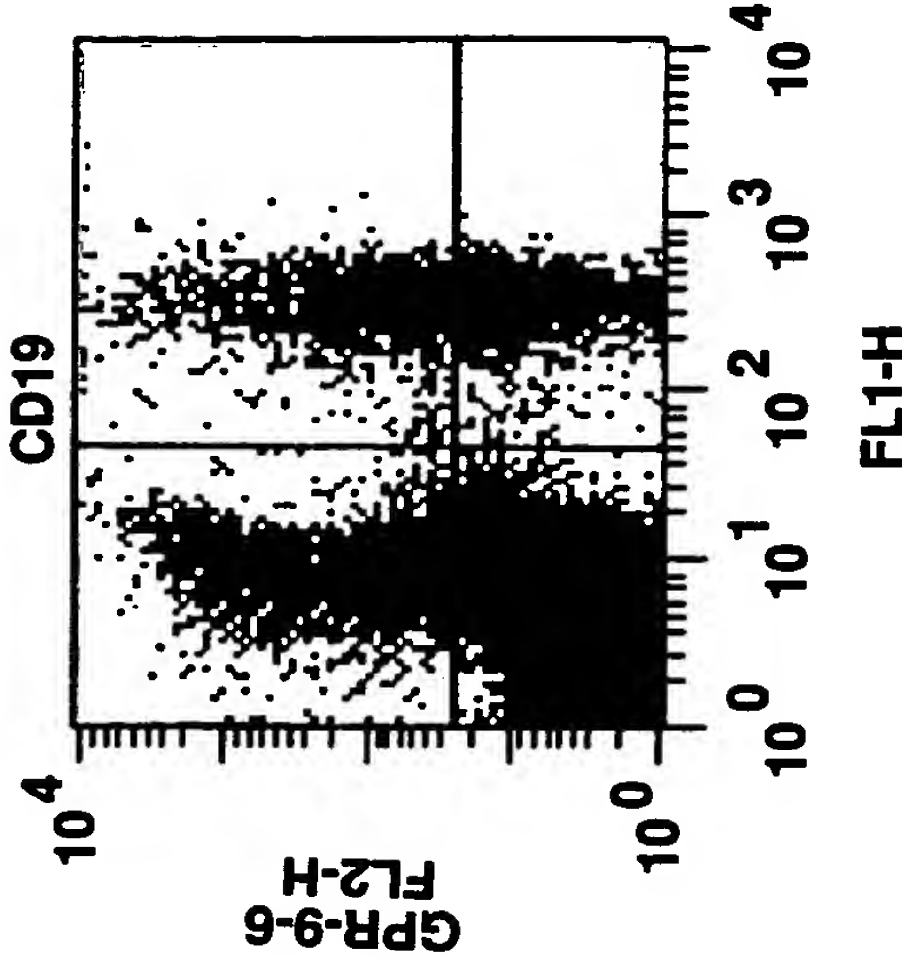


FIG. 3D

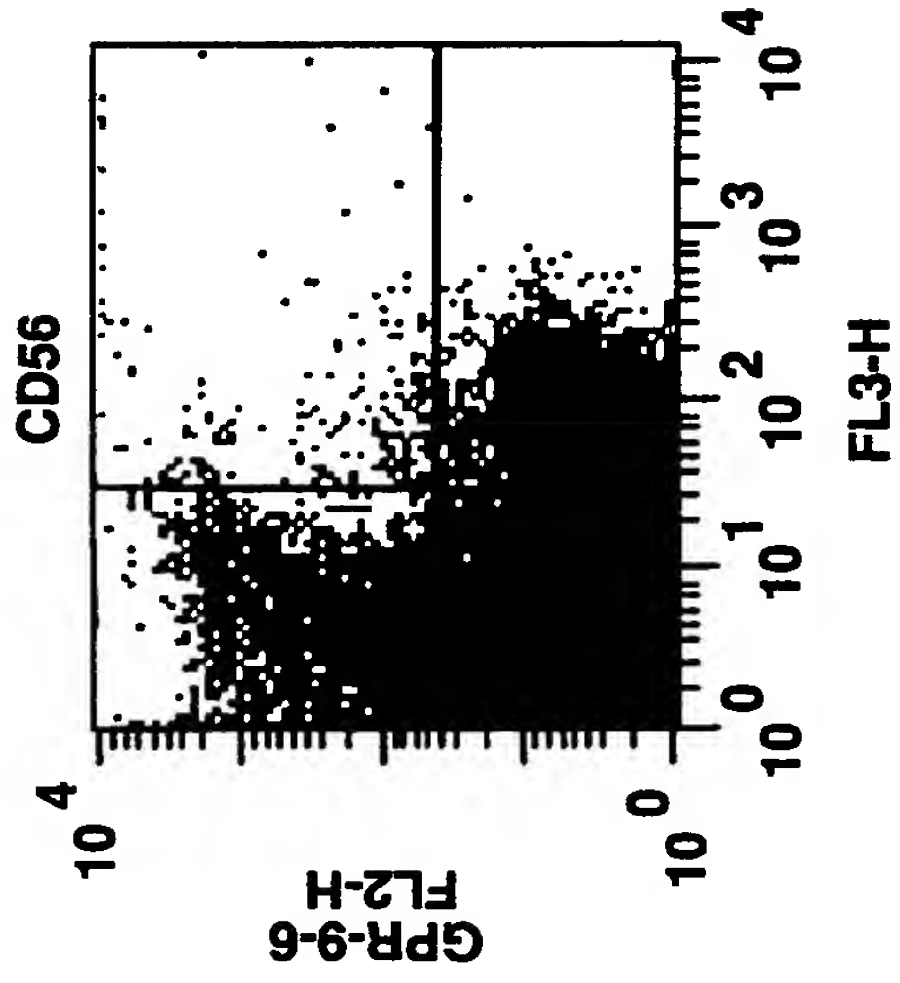


FIG. 3E

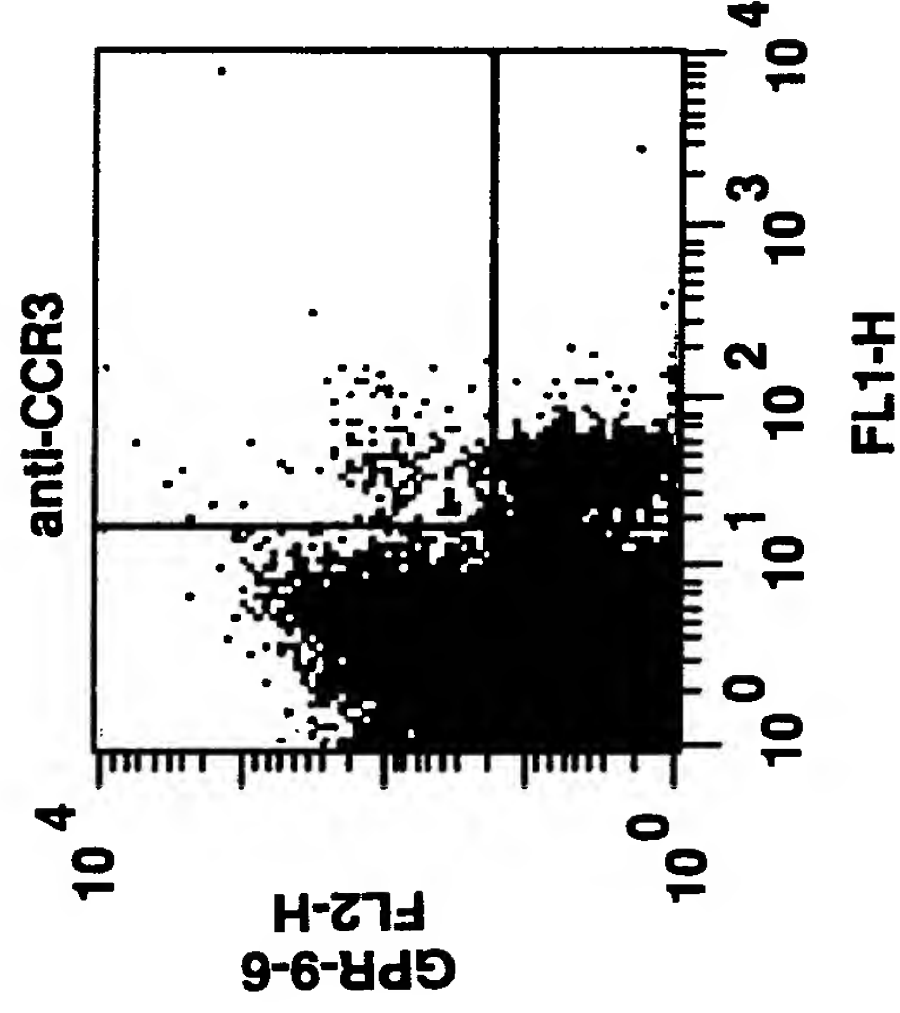


FIG. 3F

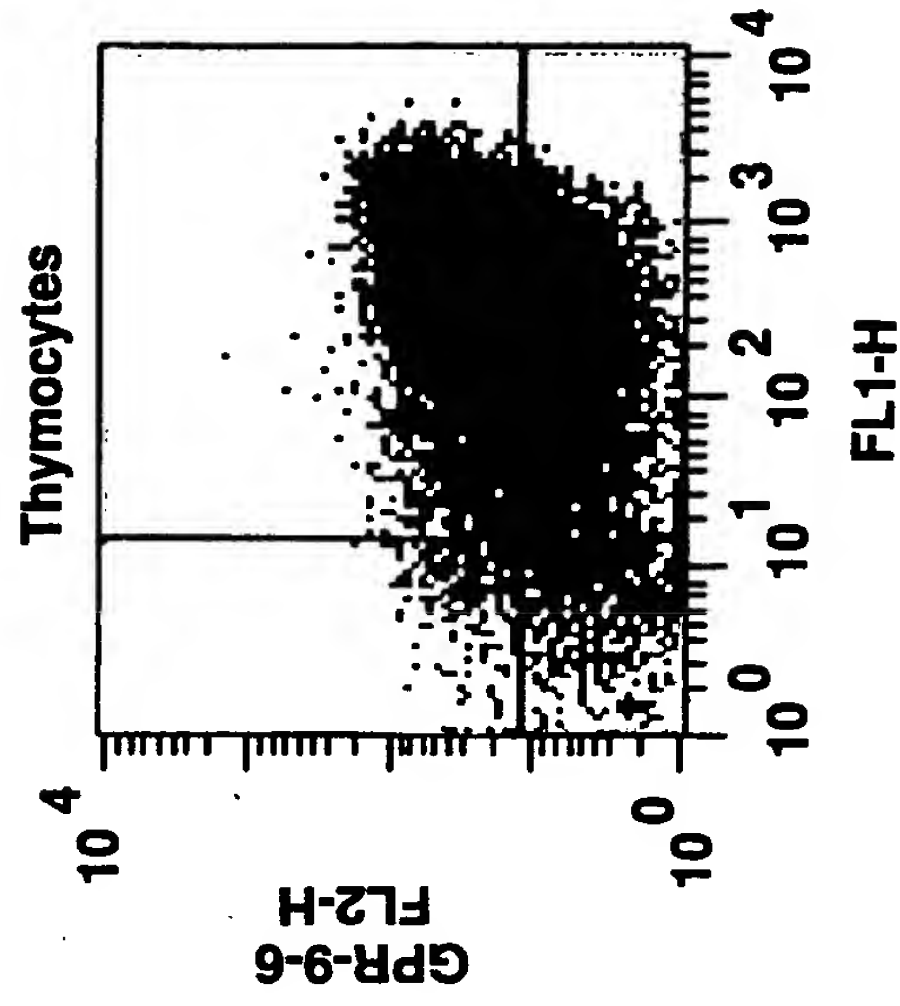


FIG. 3G

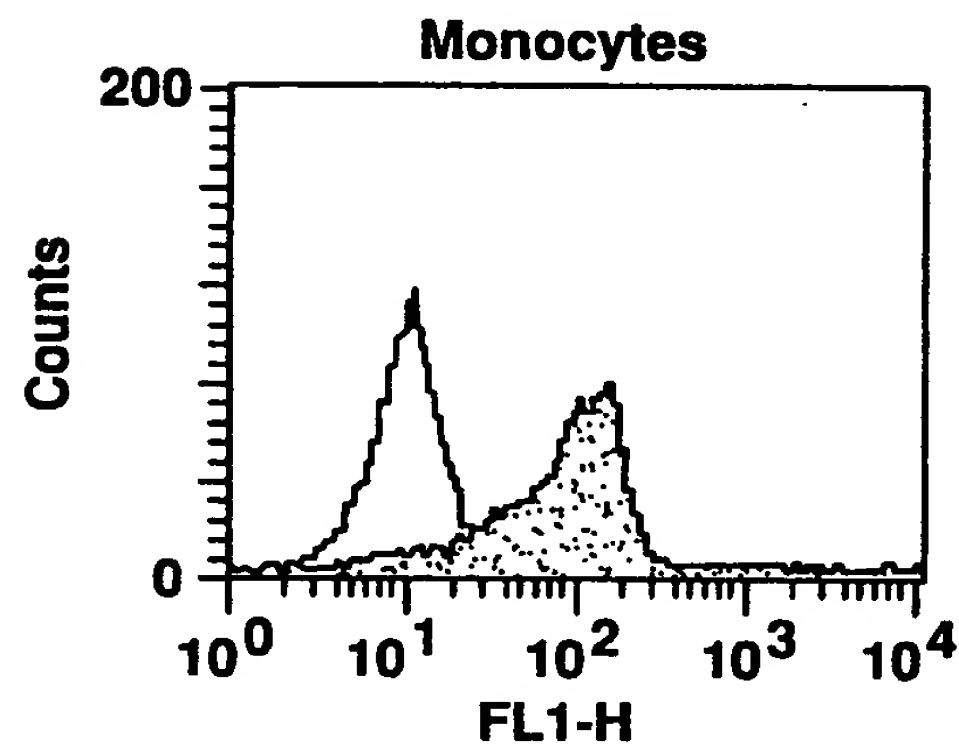


FIG. 3H

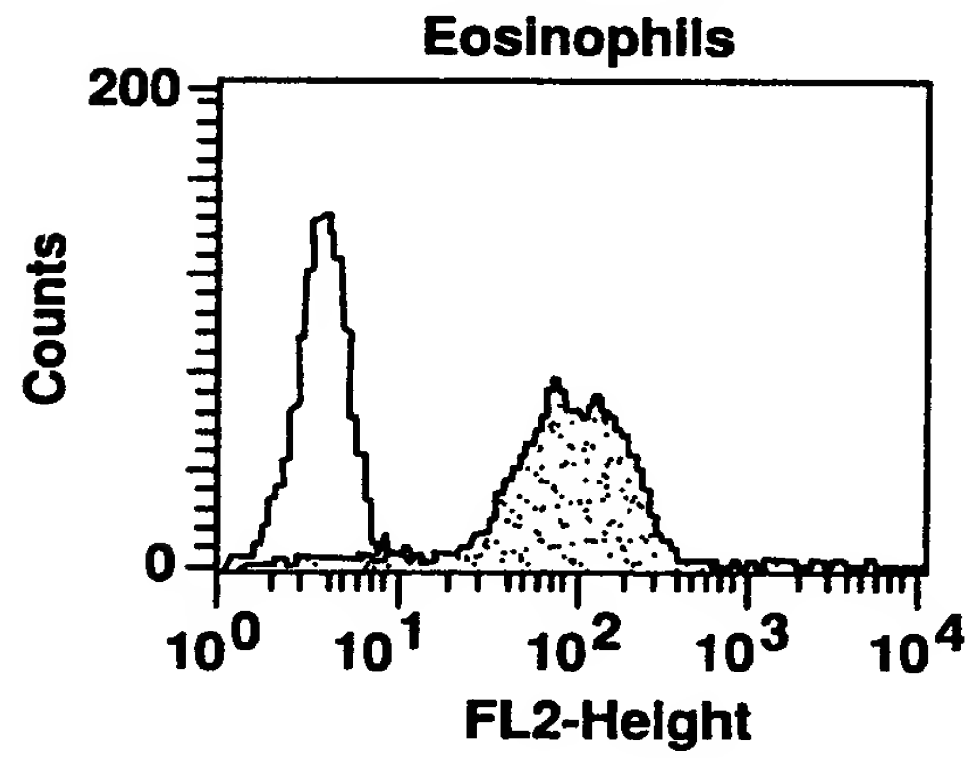


FIG. 3I

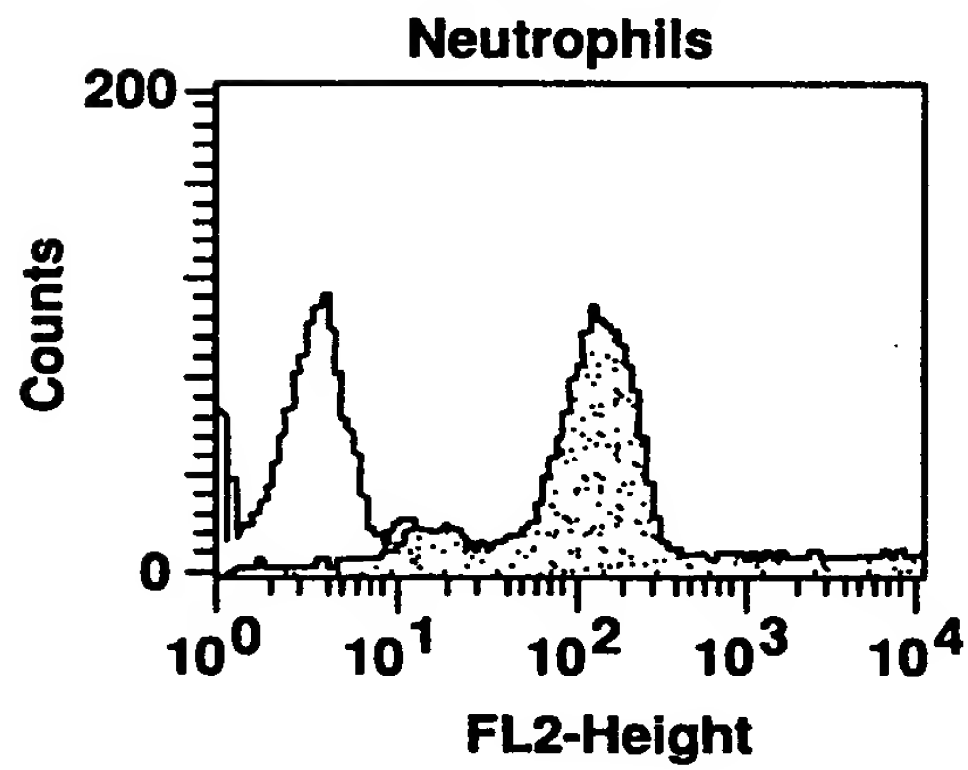


FIG. 4A

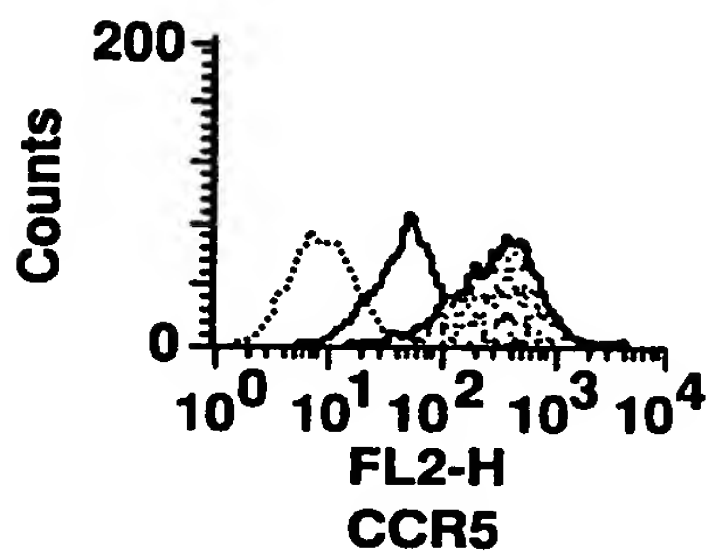


FIG. 4E

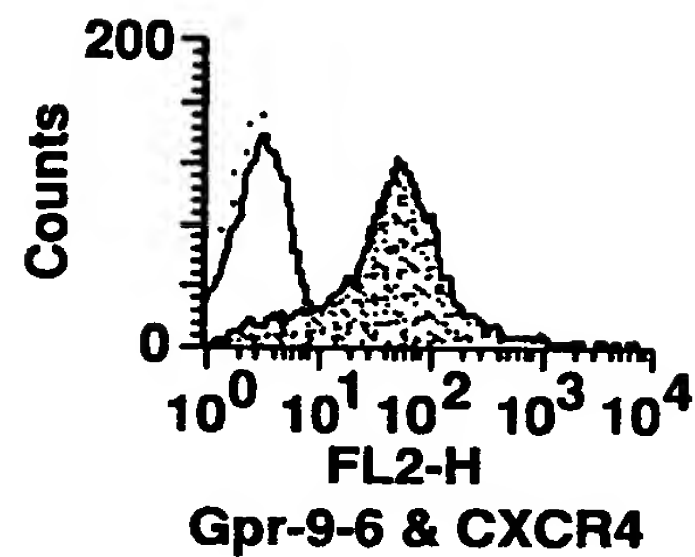


FIG. 4B

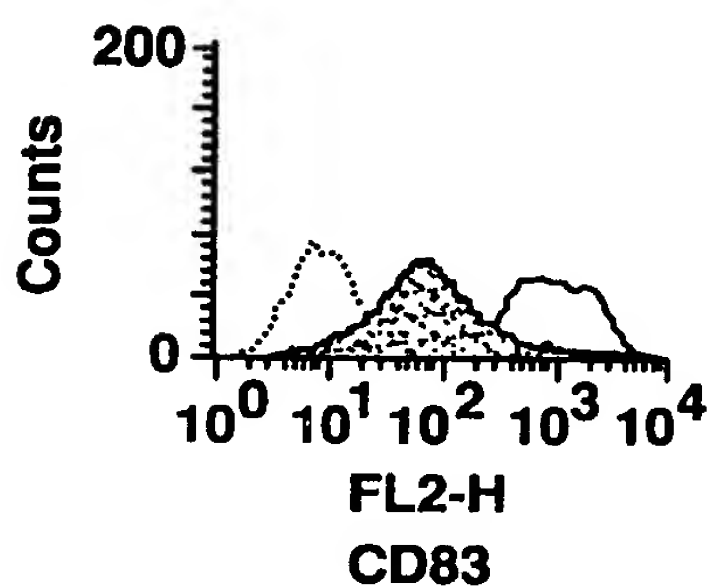


FIG. 4F

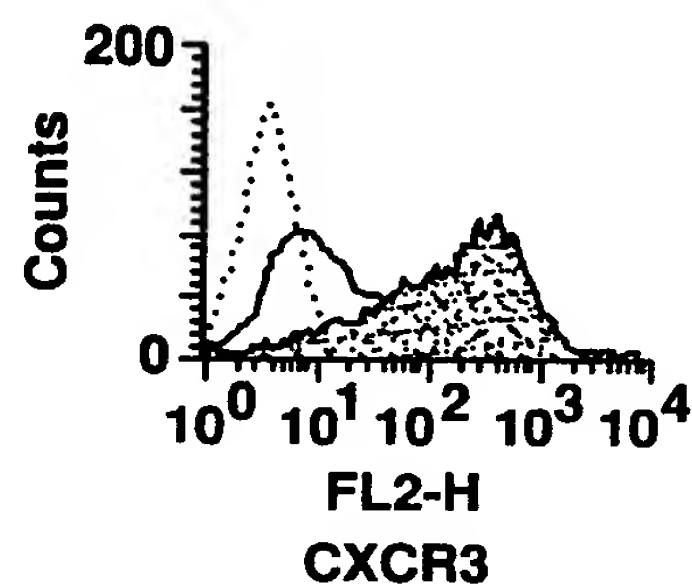


FIG. 4C

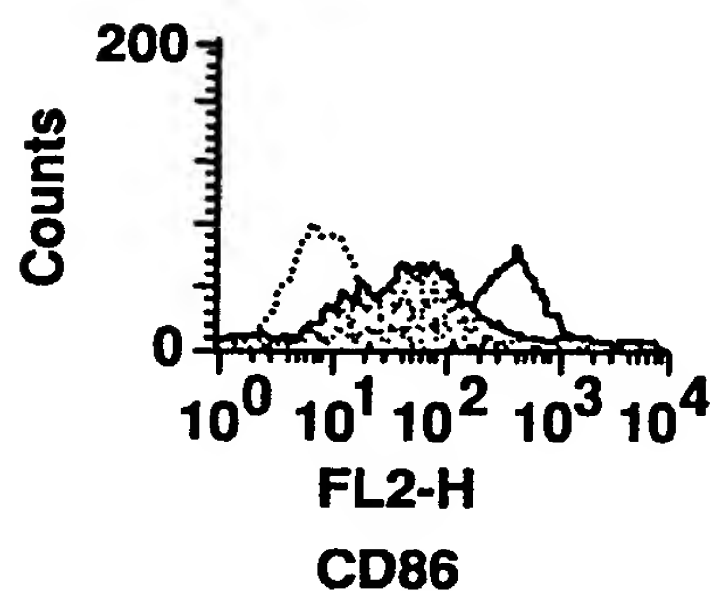


FIG. 4G

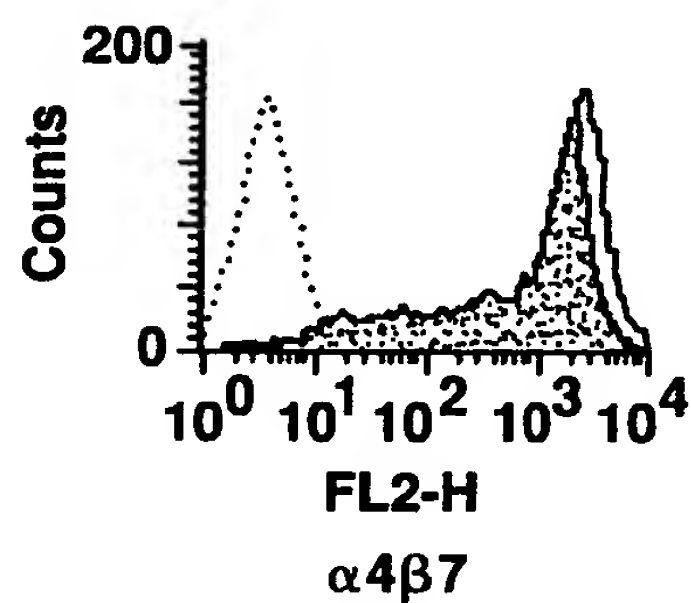


FIG. 4D

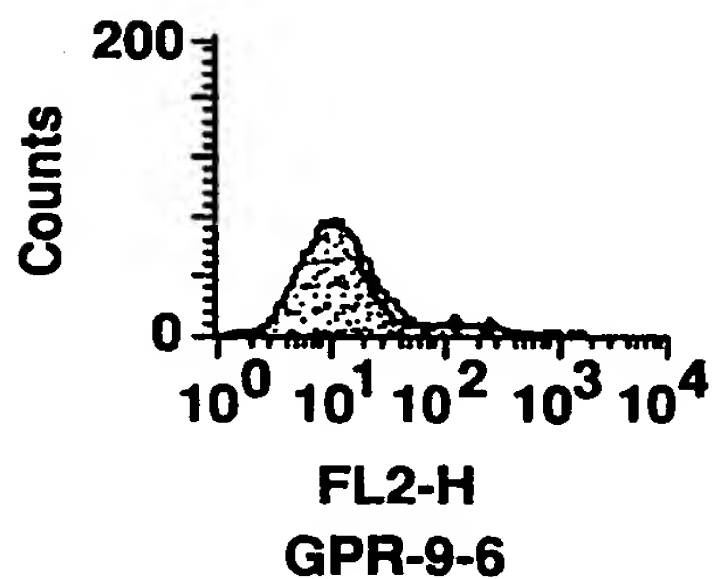


FIG. 4H

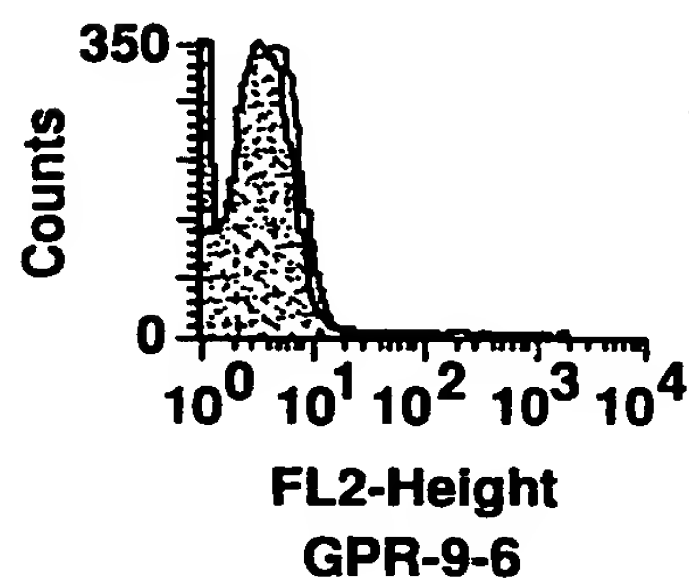


FIG. 4A

FIG. 7A 3/03 94/3

FIG. 7A

3/03 94/3

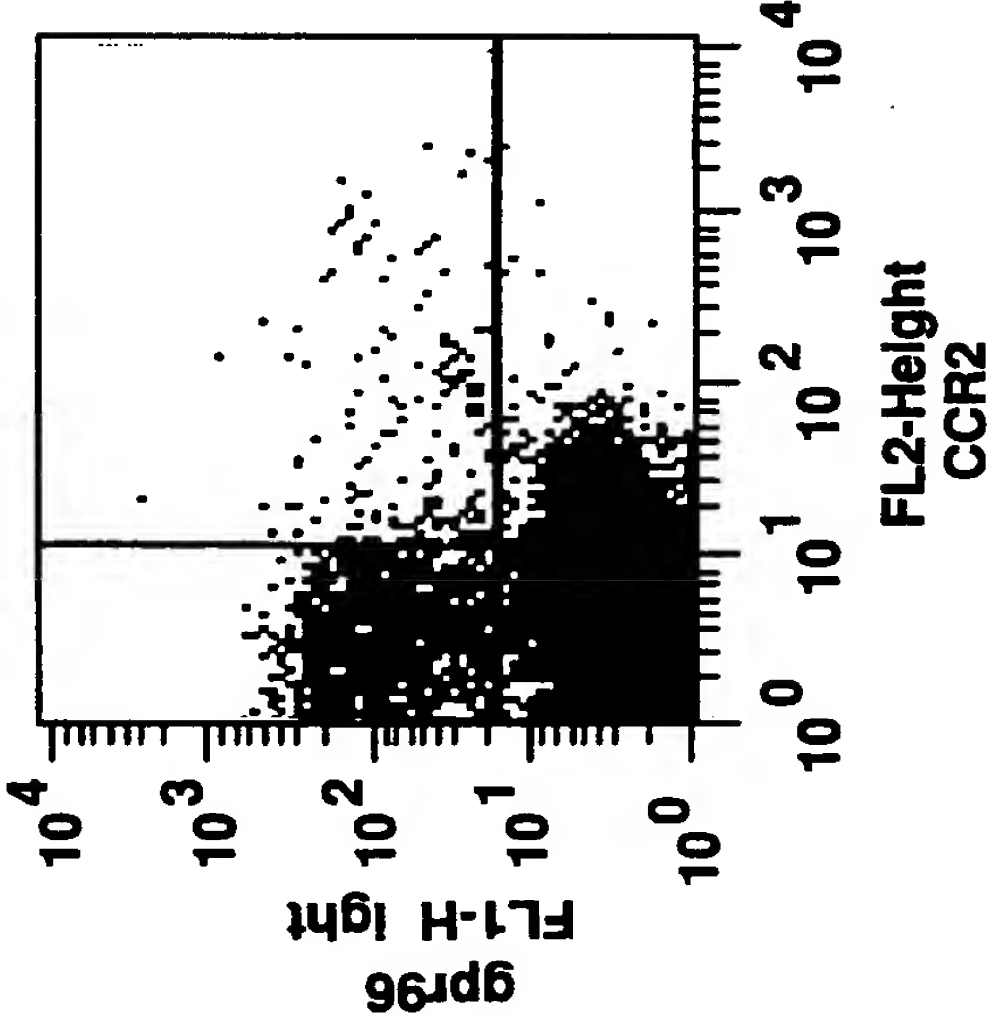


FIG. 7B

3/1 85/11

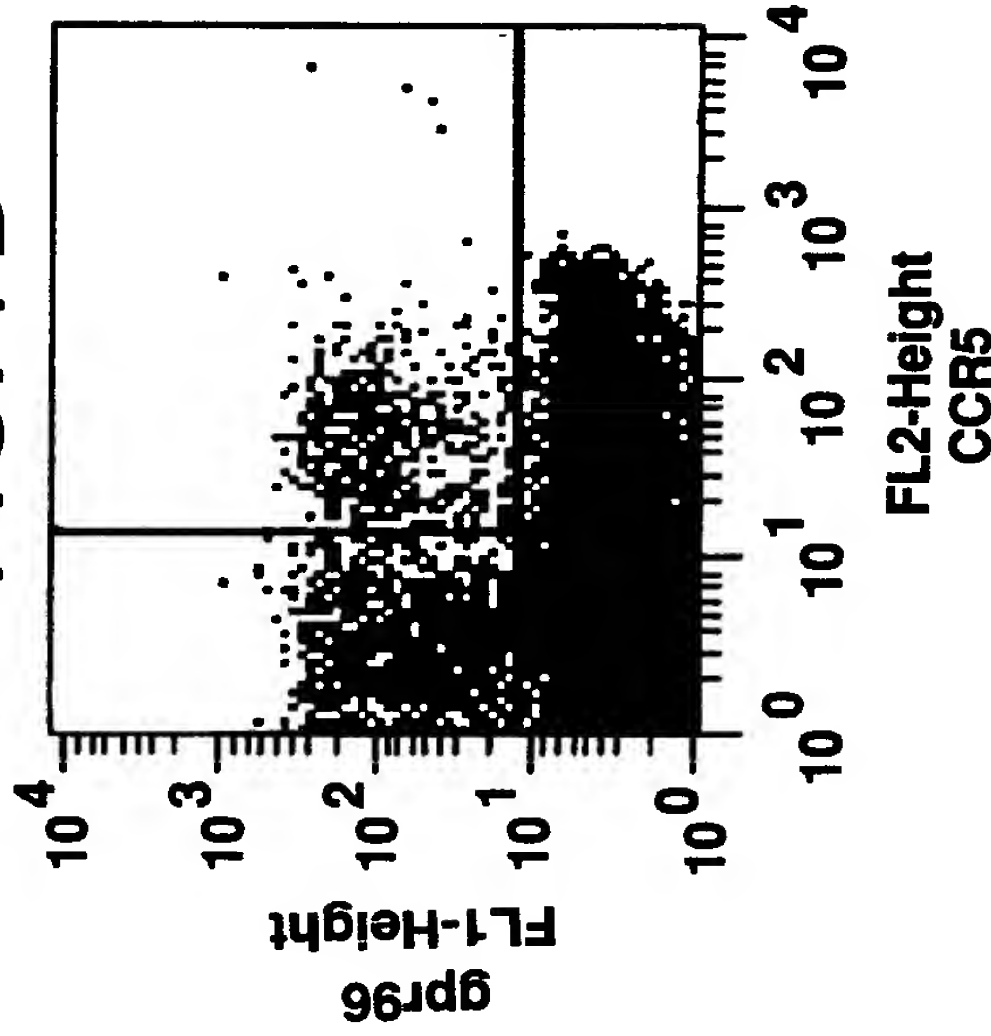


FIG. 7C

2/2 75/22

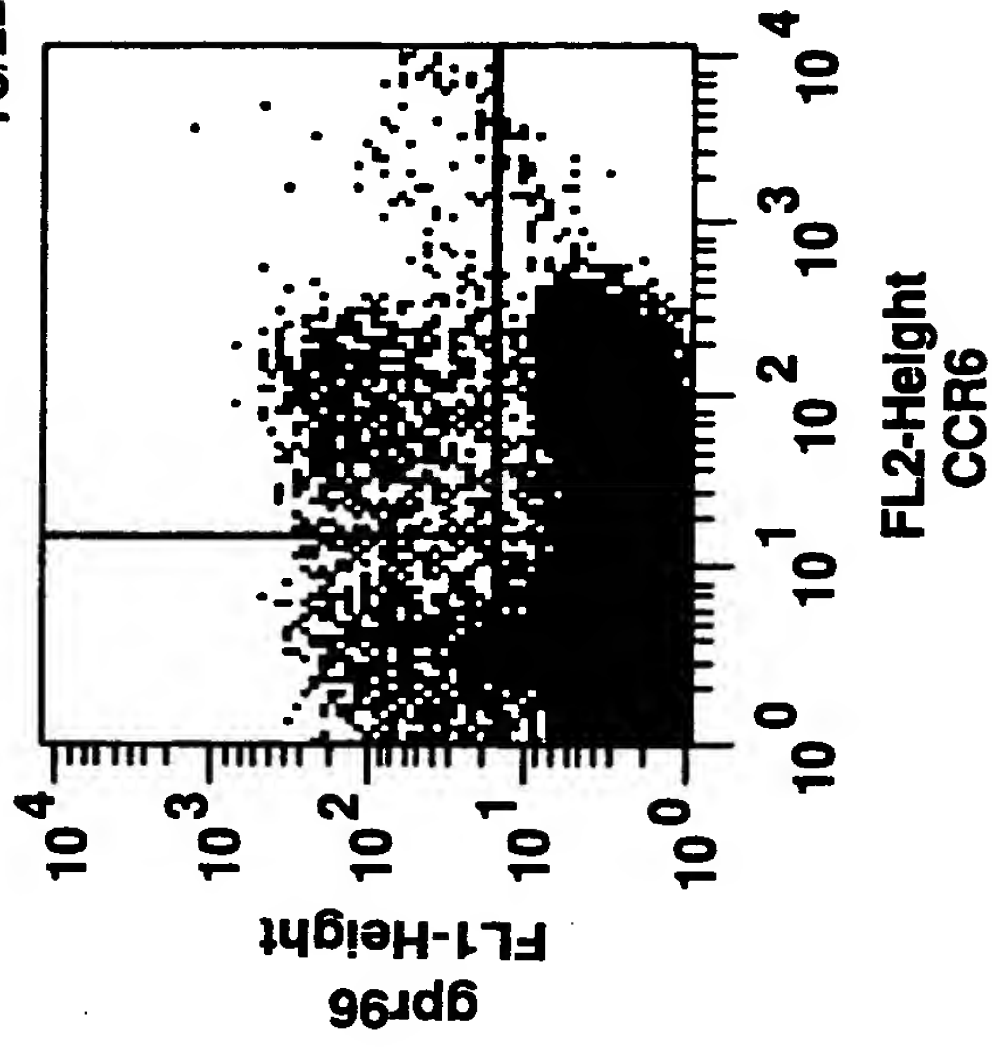


FIG. 7D

2/1 84/12

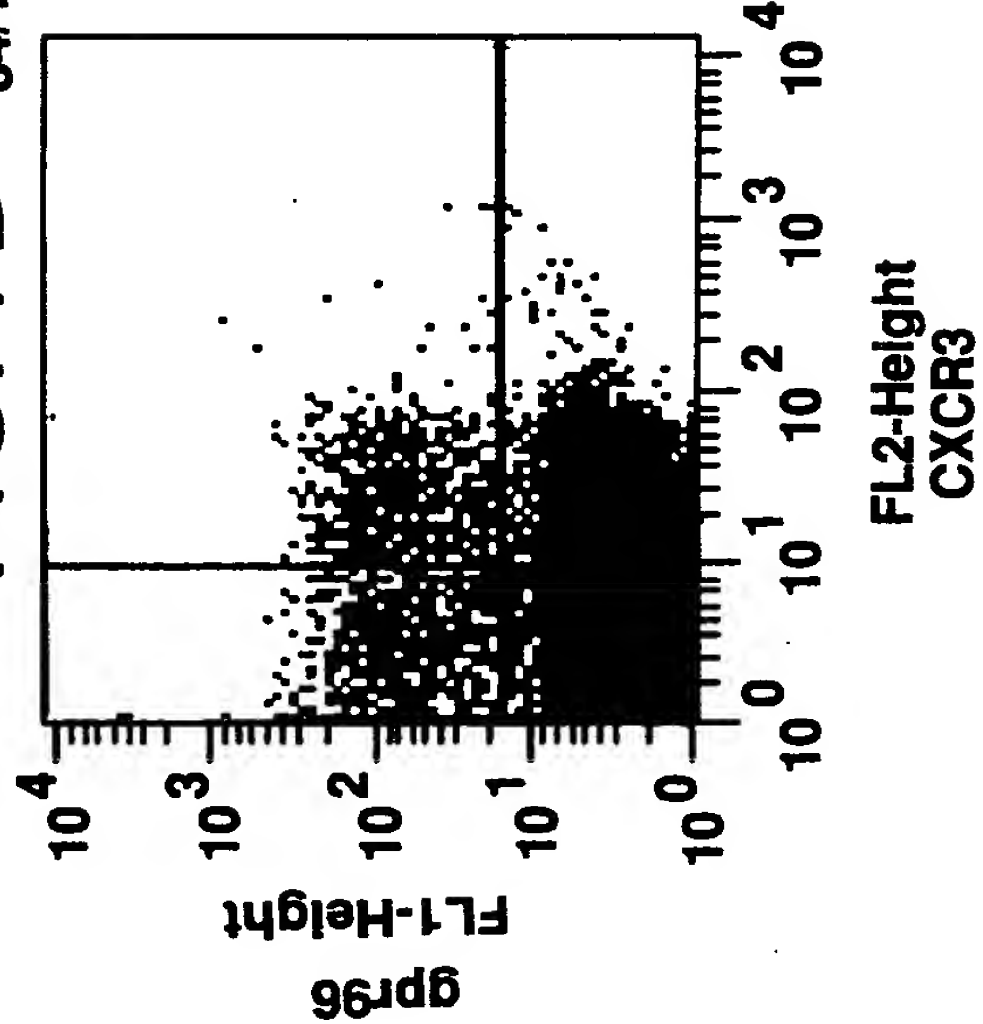


FIG. 7E

0.1/4 0.3/96

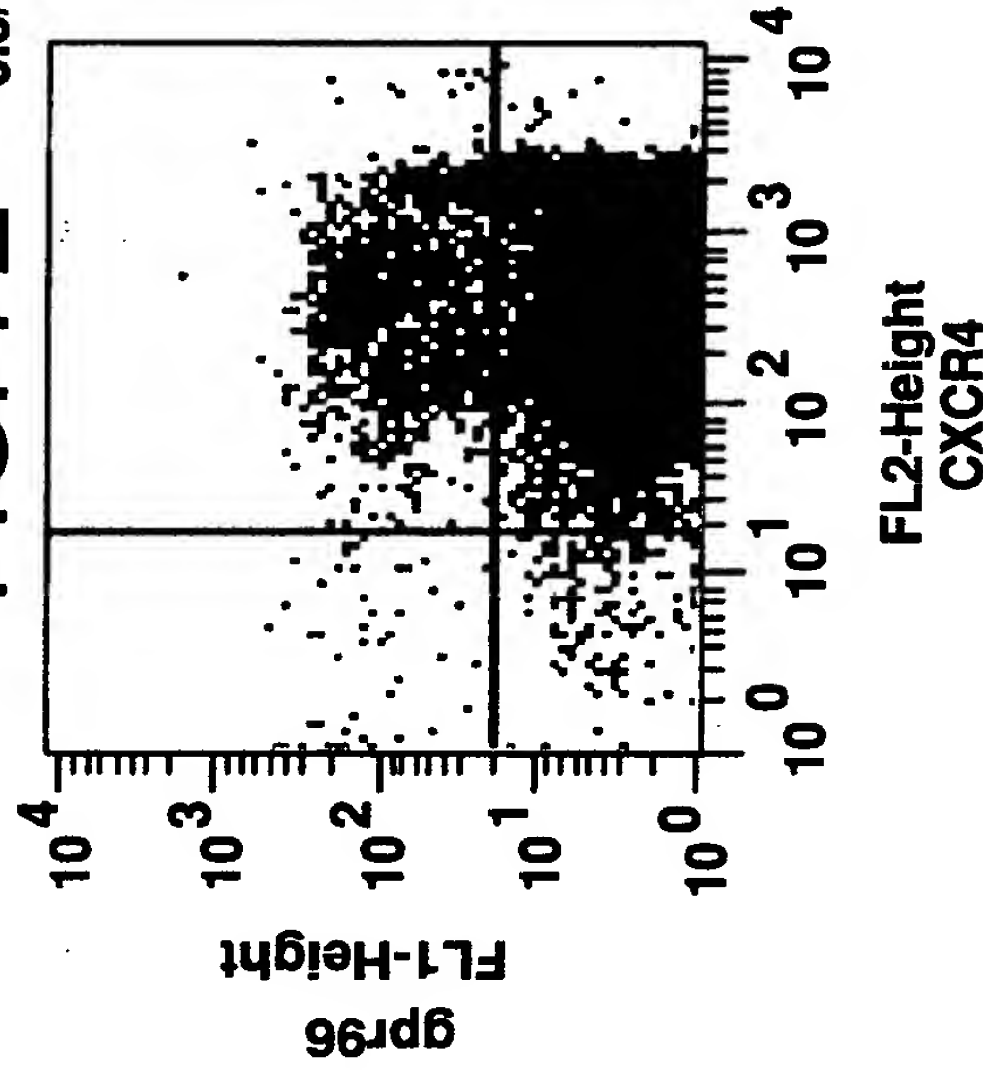


FIG. 7F

2.6/1 88/9

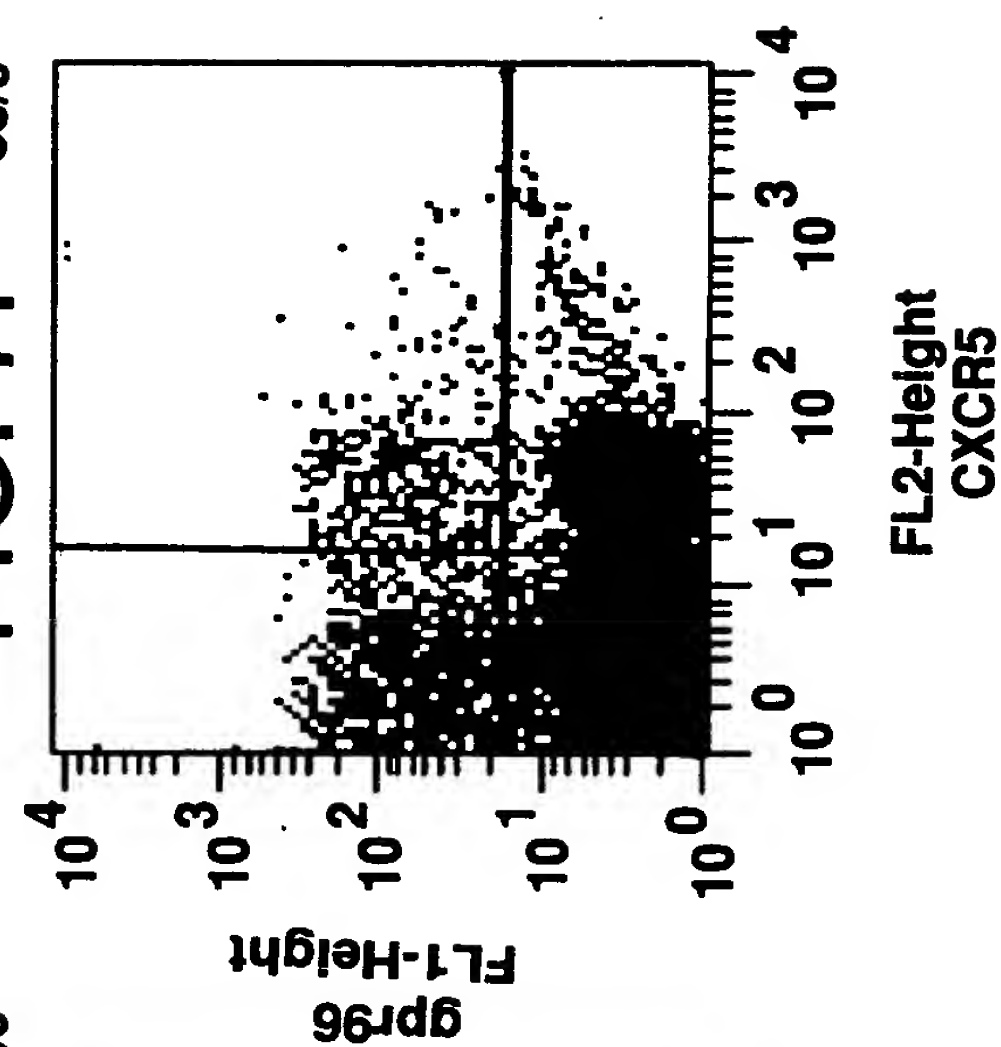


FIG. 9A

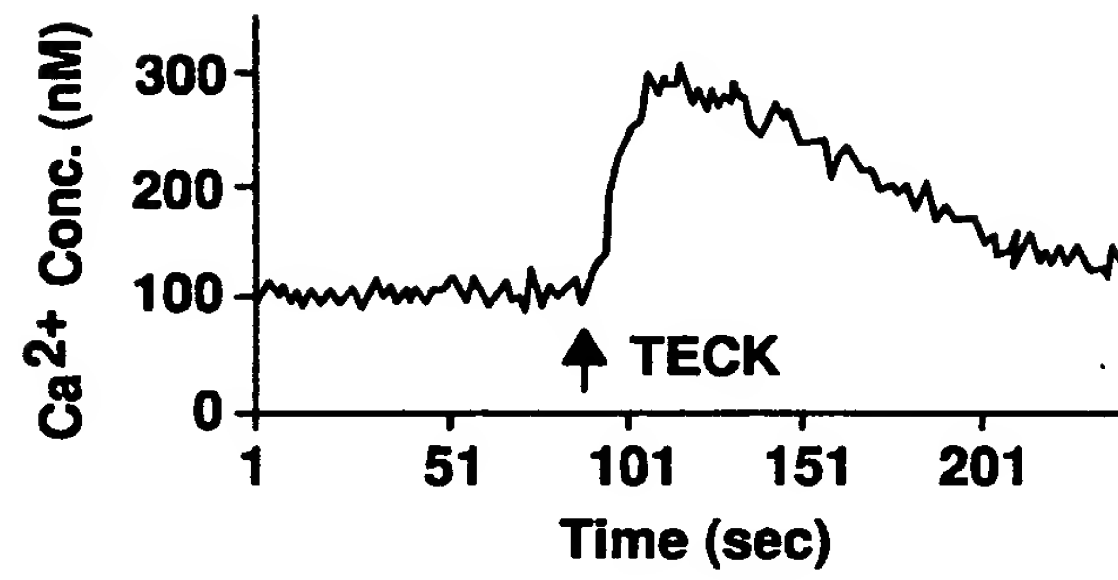


FIG. 9B

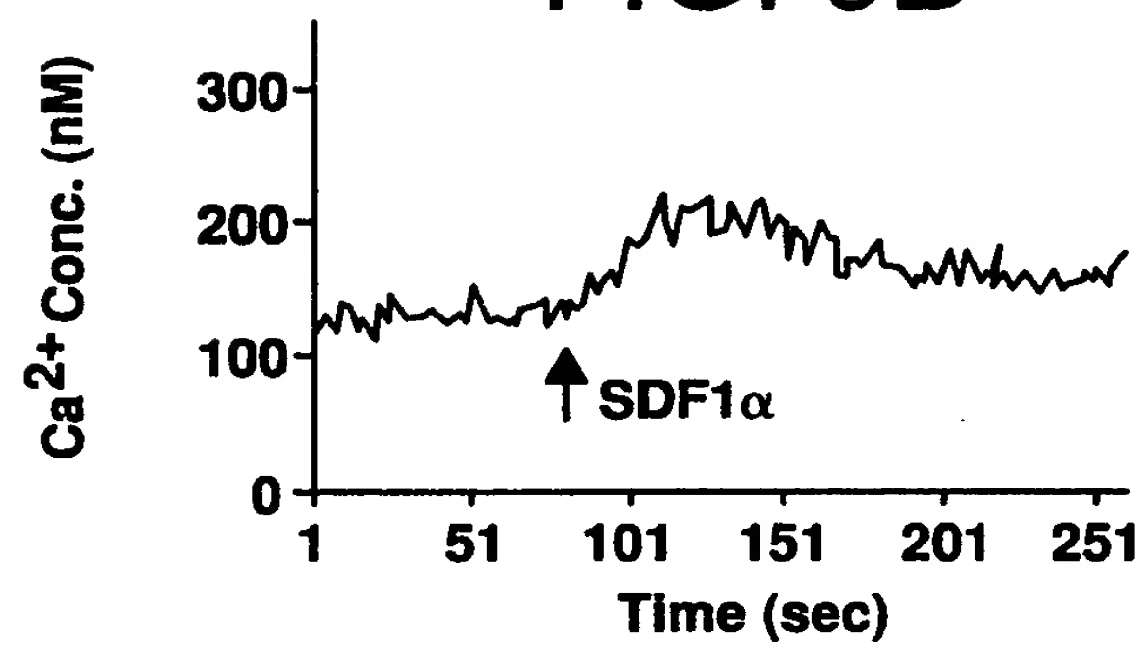


FIG. 9C

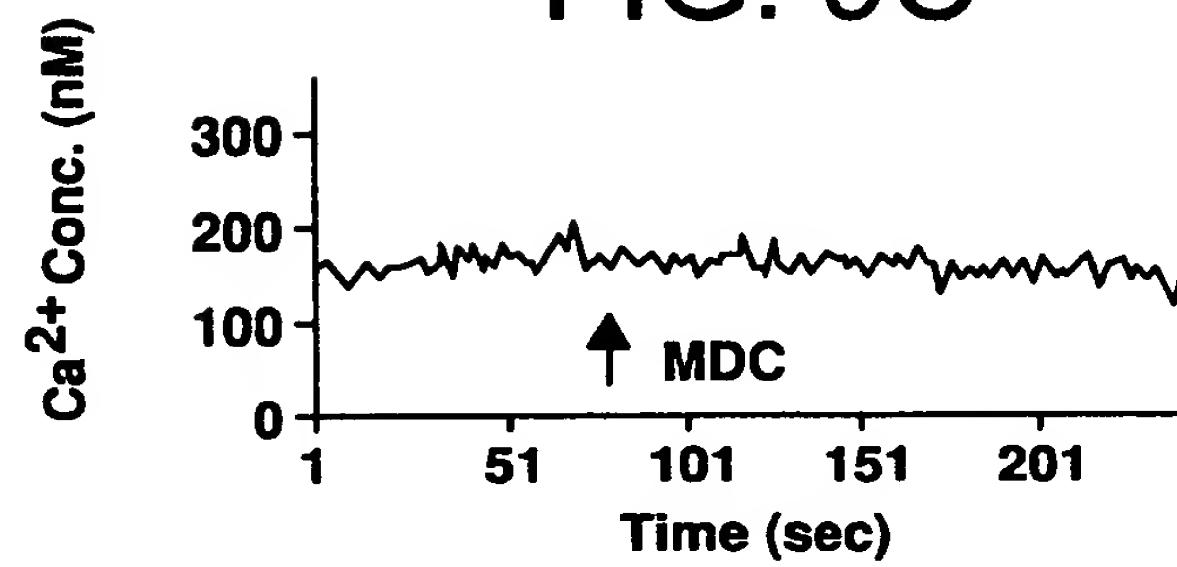


FIG. 5A

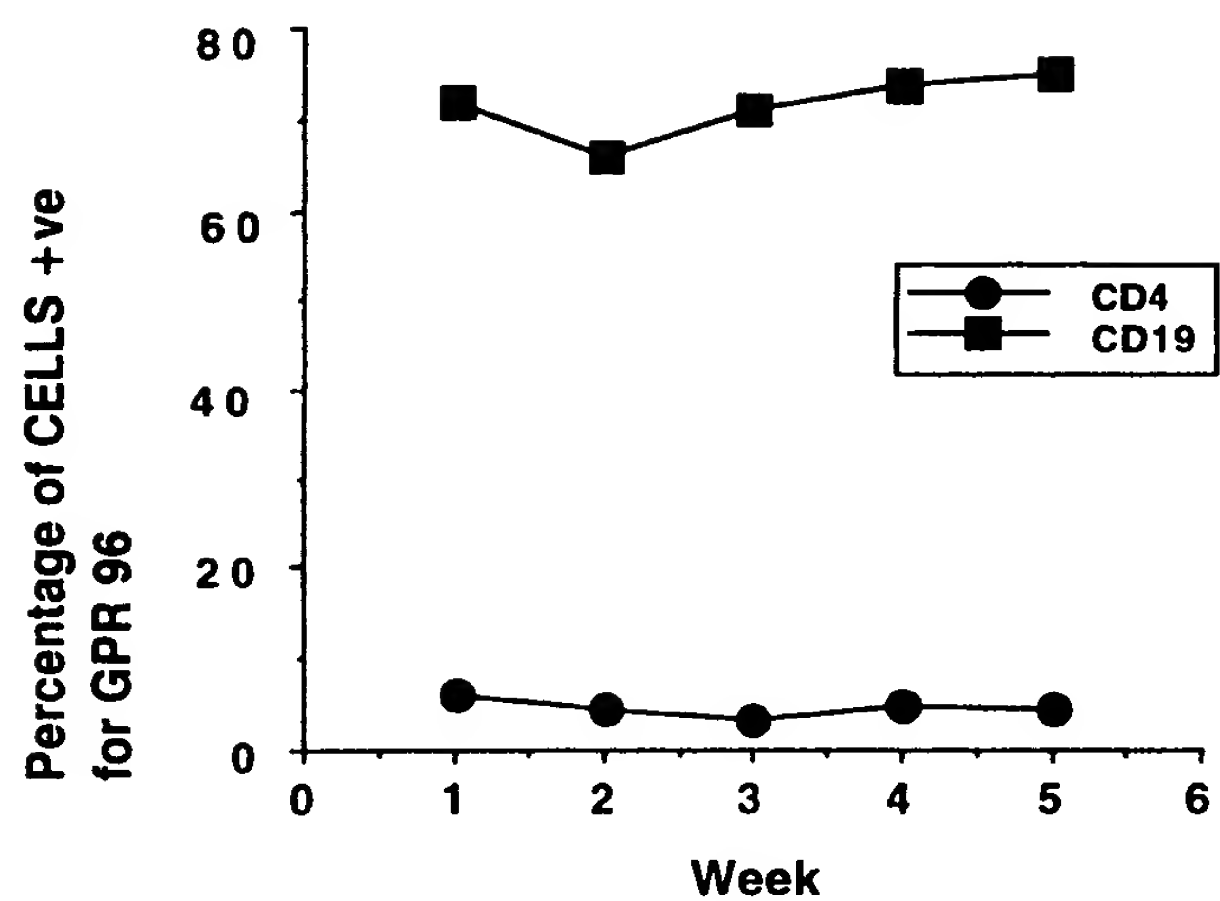


FIG. 5B

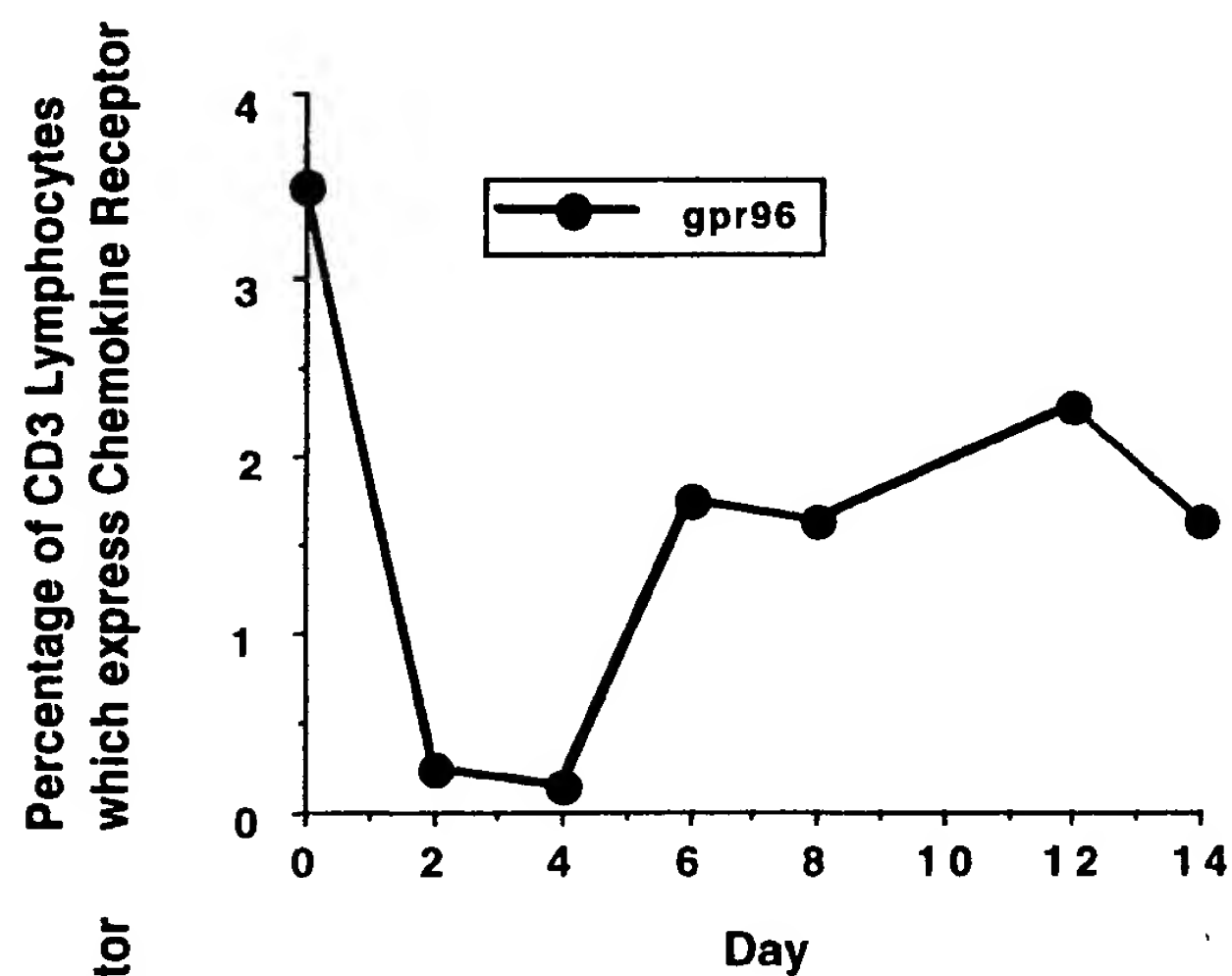


FIG. 5C

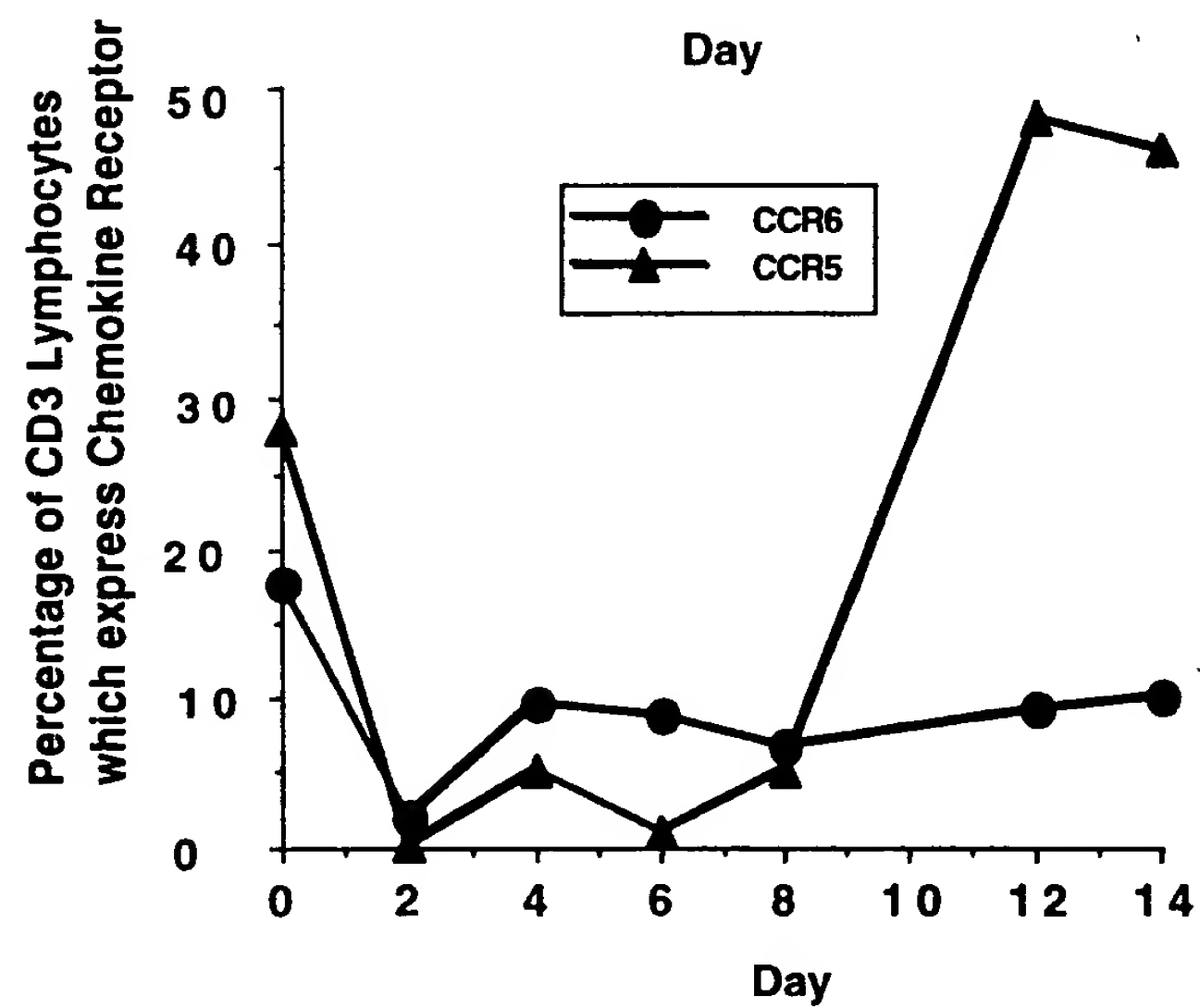


FIG. 6A

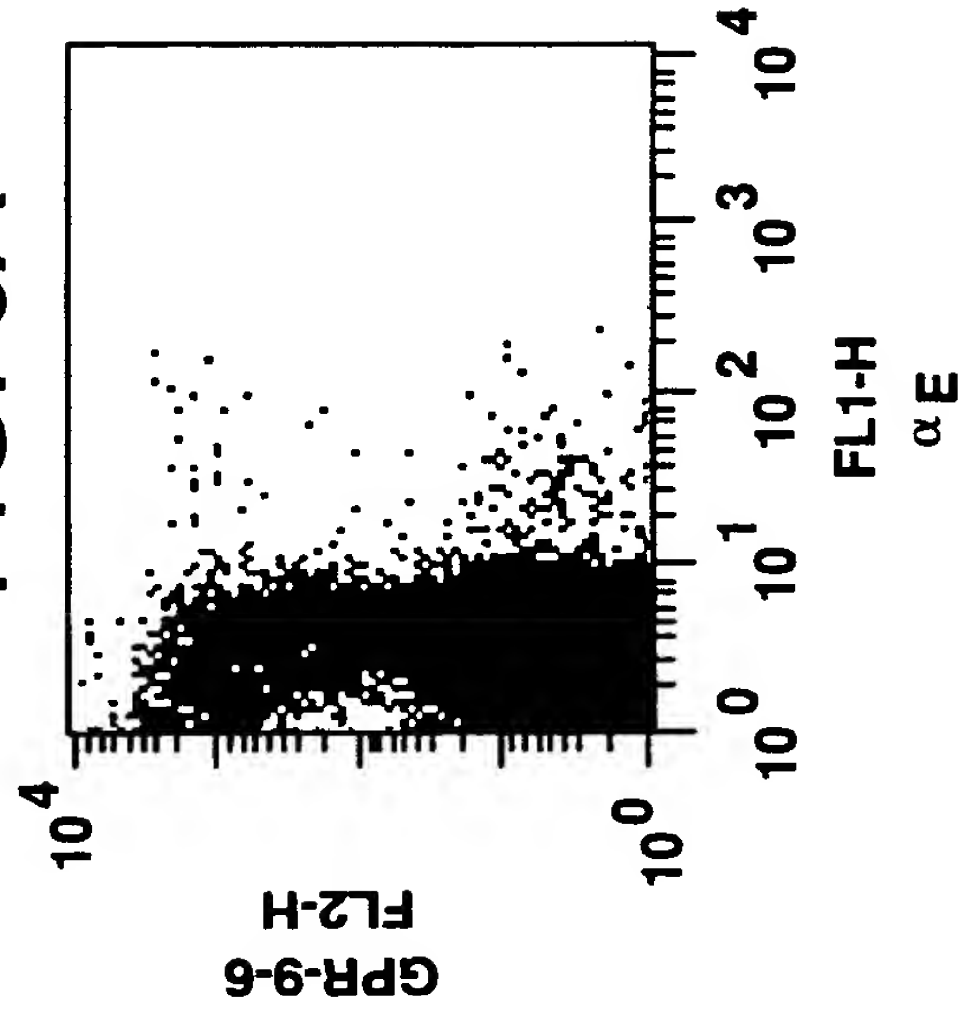


FIG. 6B

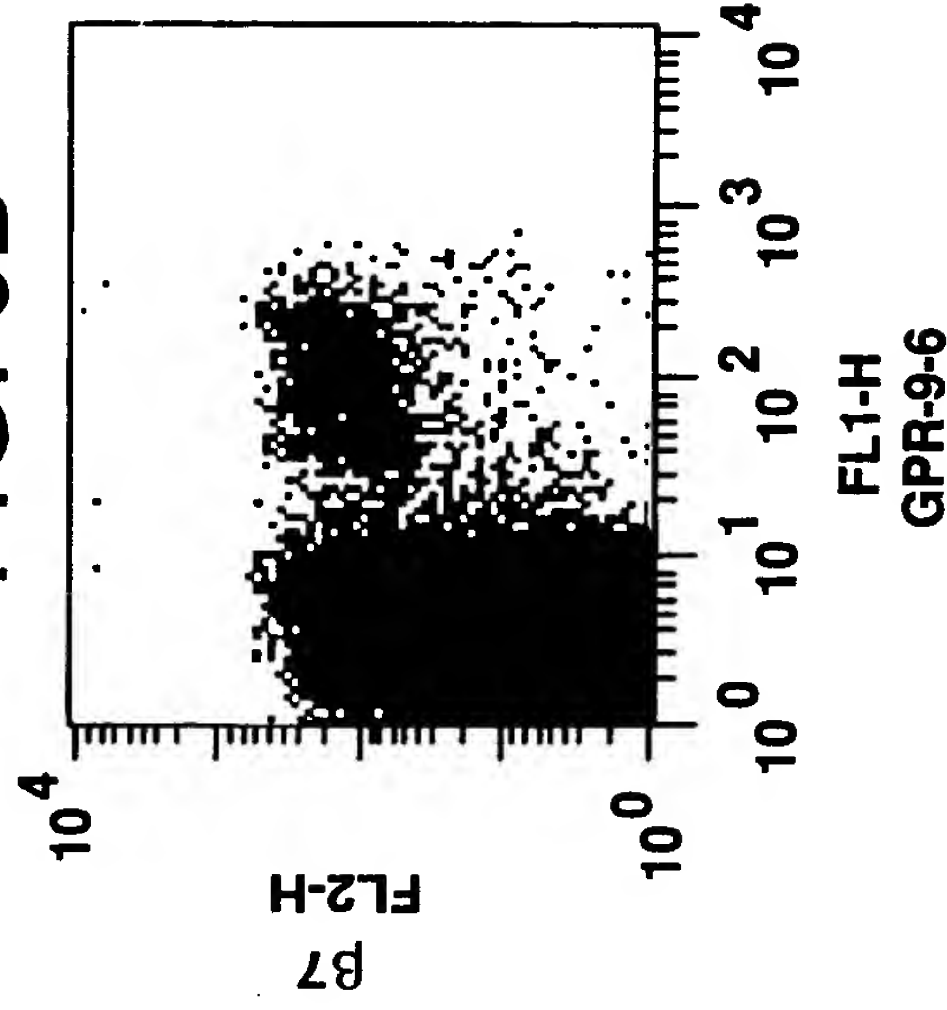


FIG. 6C

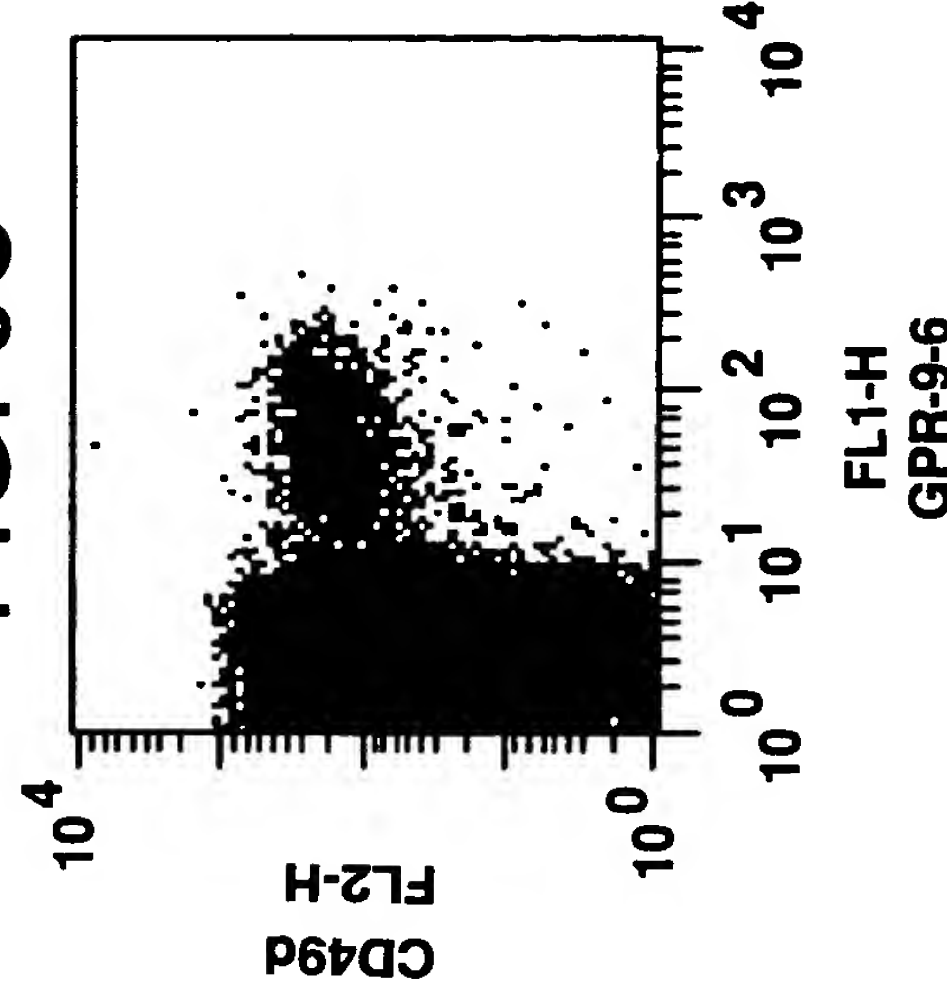


FIG. 6D

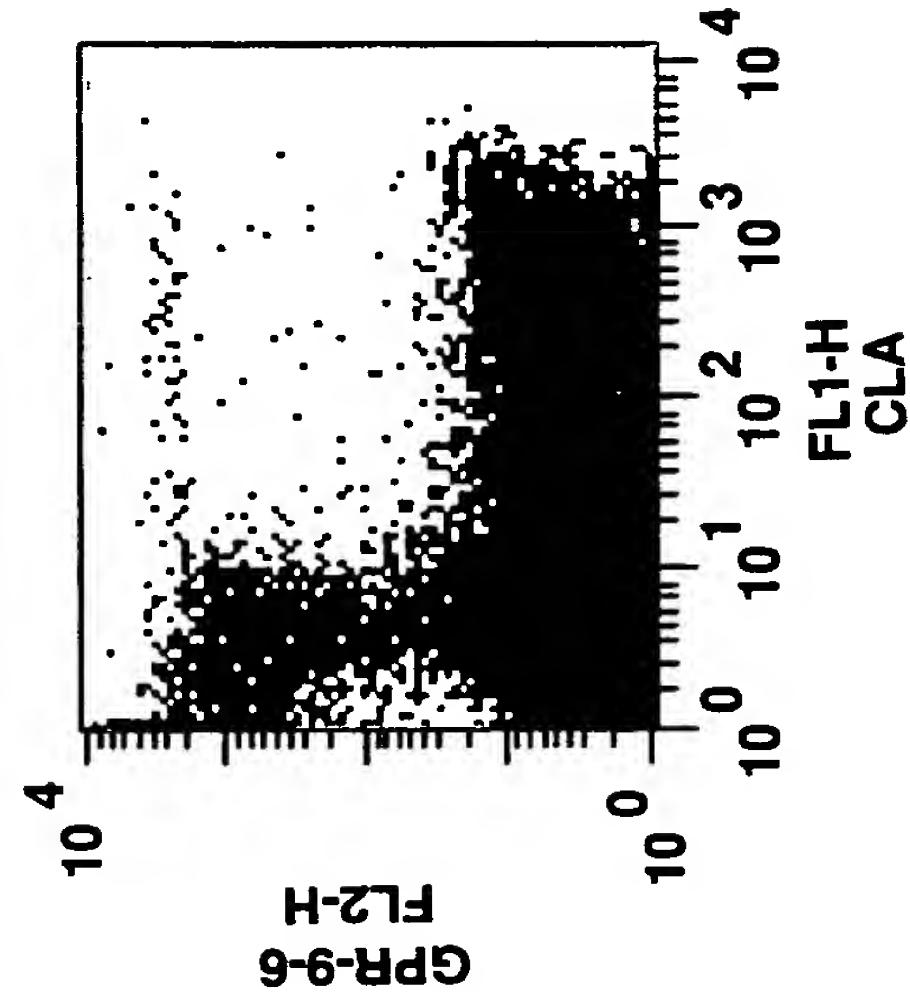


FIG. 6E

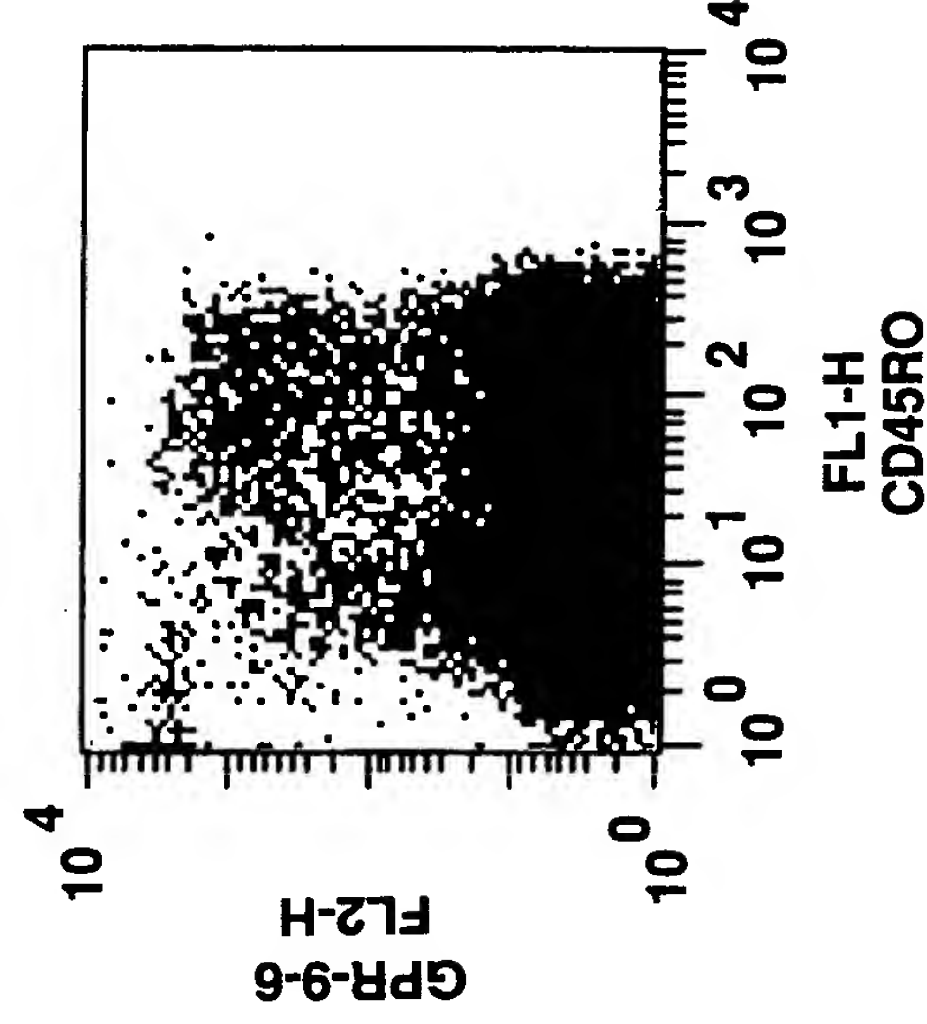


FIG. 6F

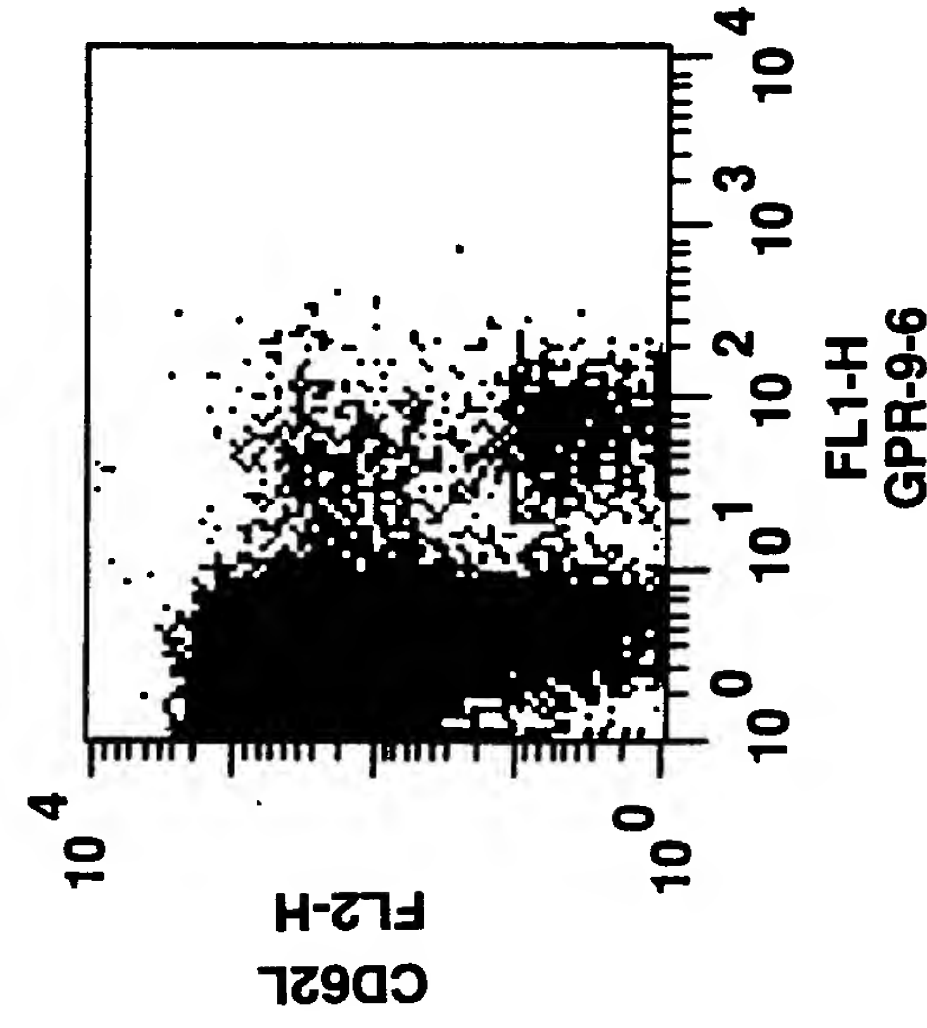


FIG. 8A

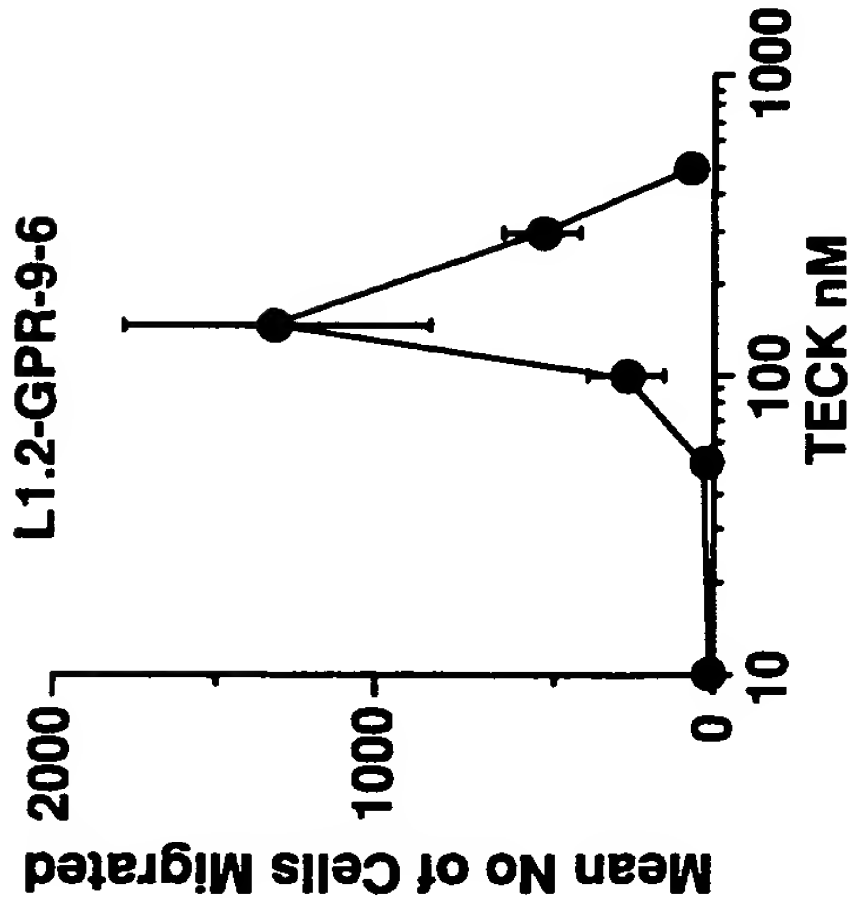


FIG. 8B

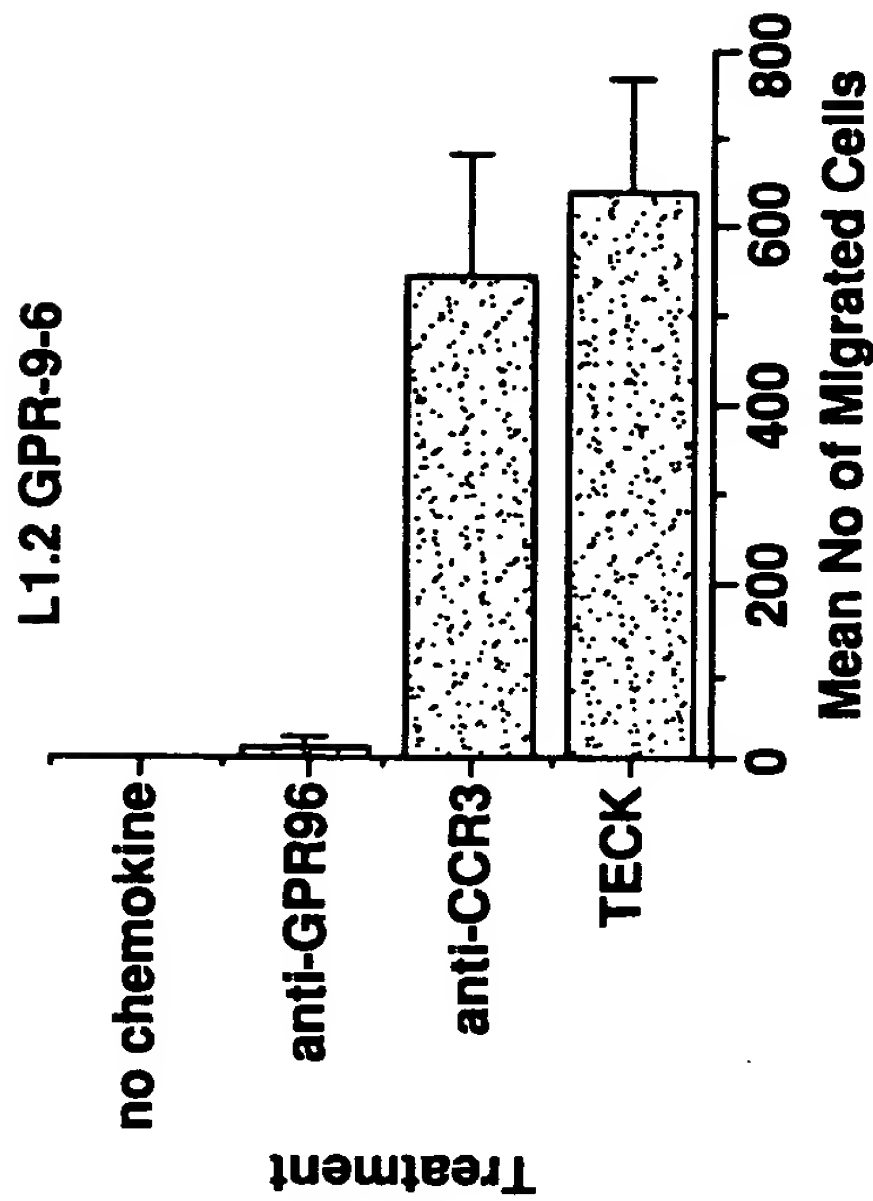


FIG. 8C

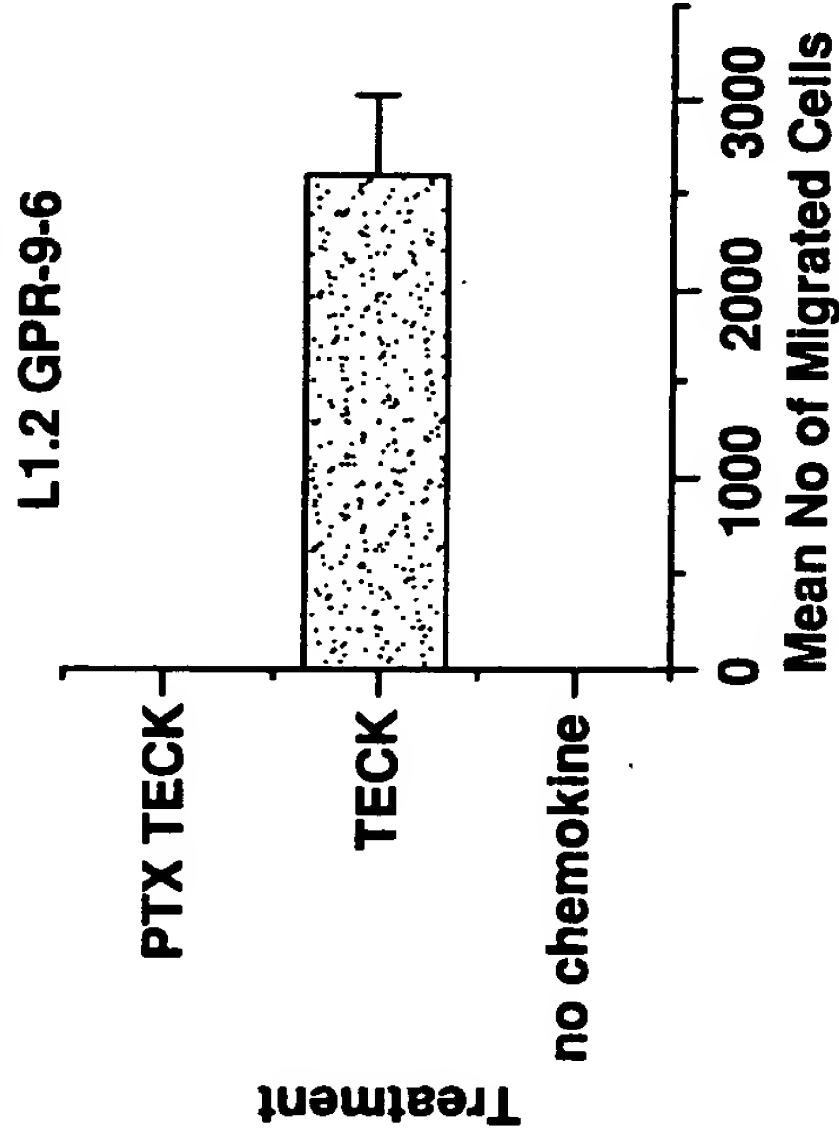


FIG. 8D

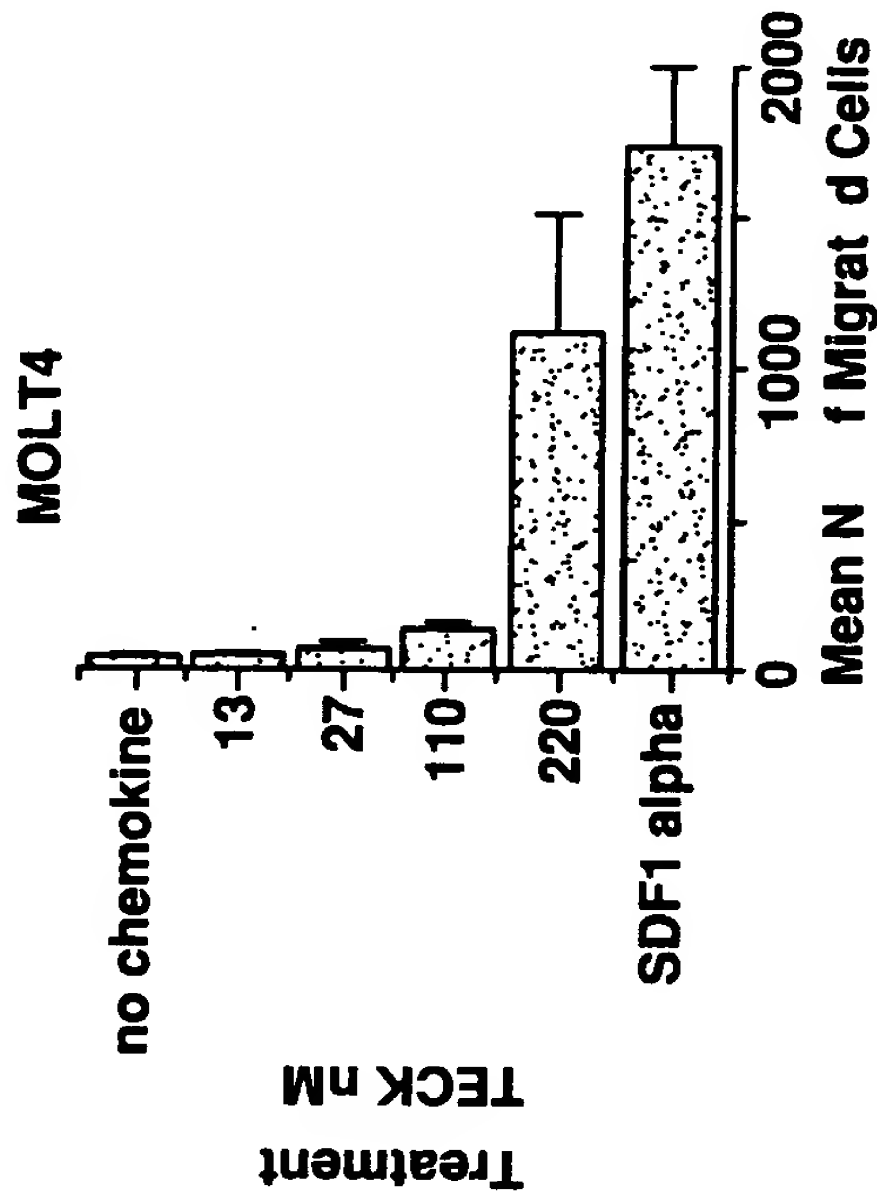


FIG. 8E
SKW3

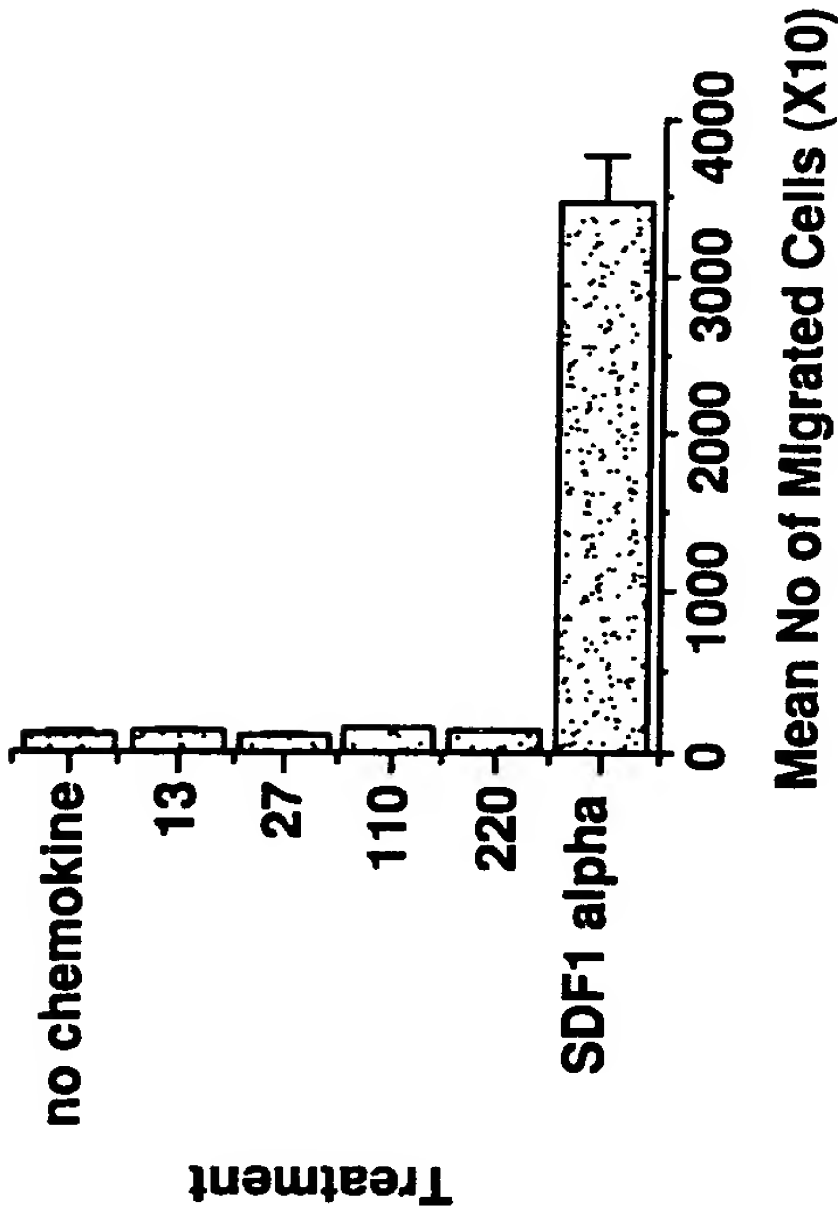


FIG. 8F
MOLT13

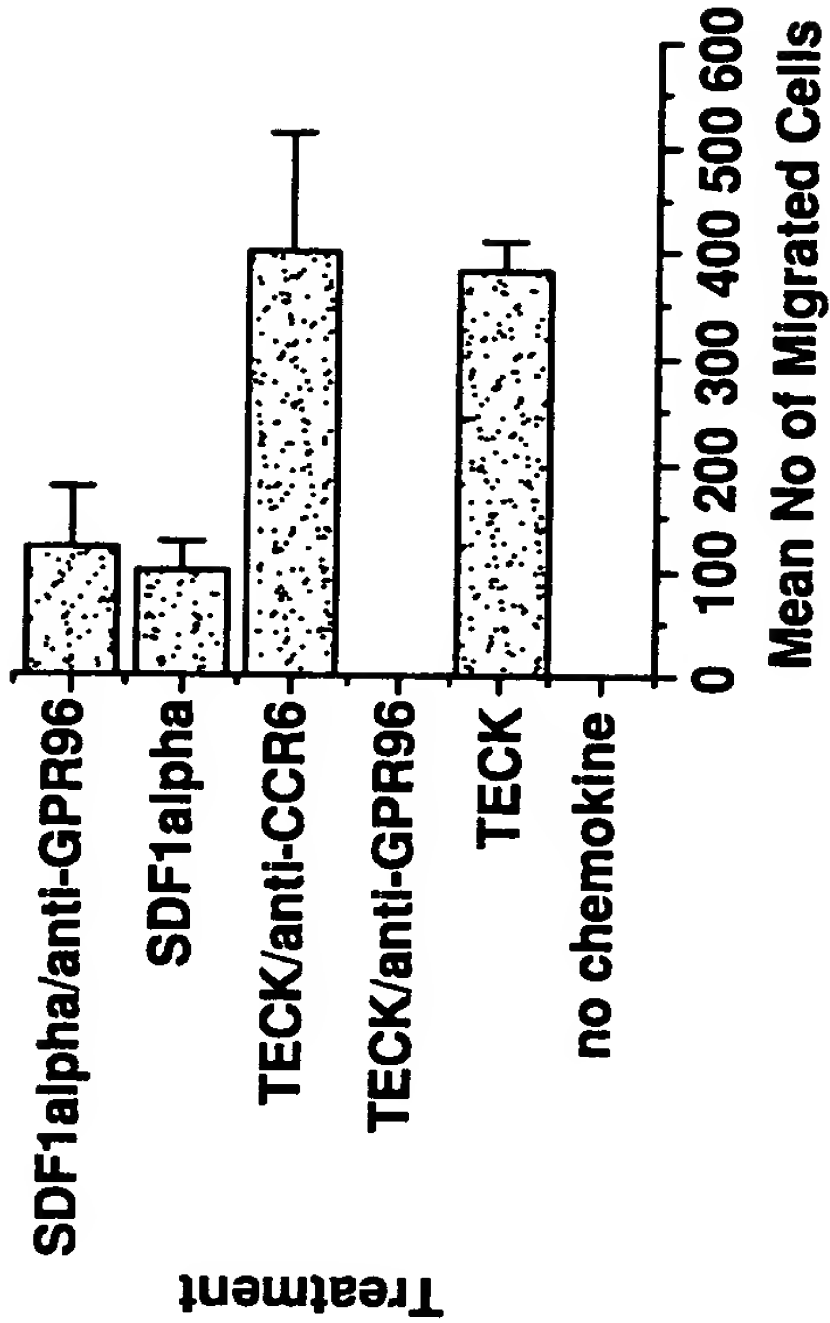


FIG. 10A
Monocytes

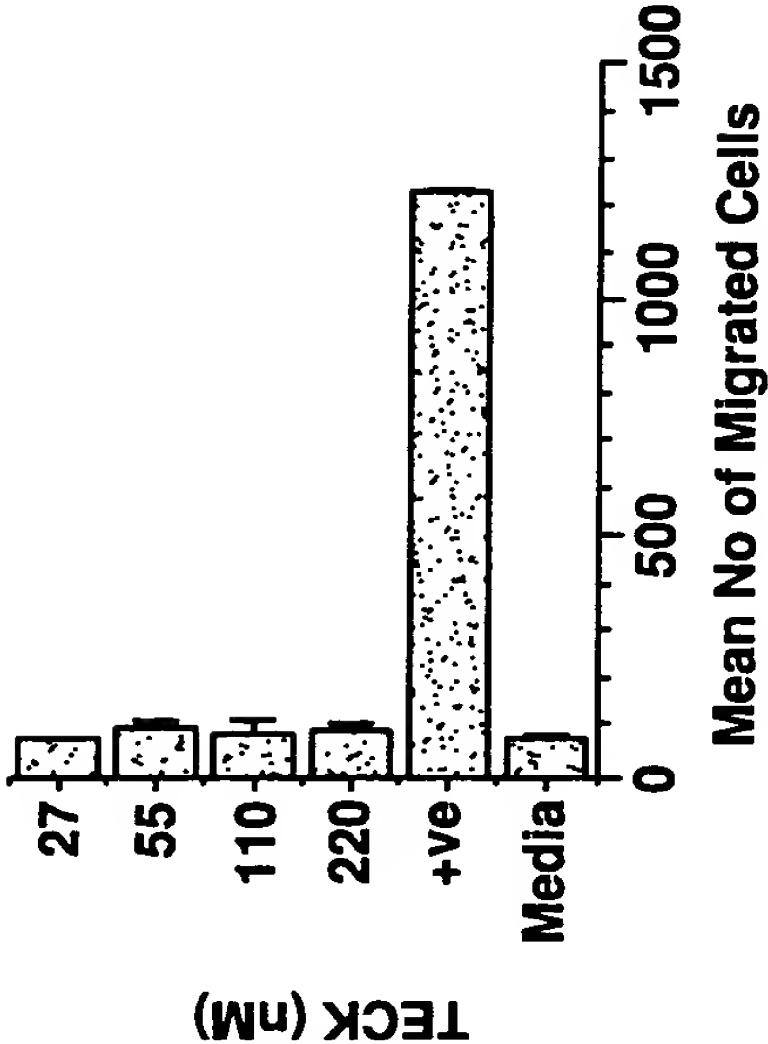


FIG. 10B
CD8 Lymphocytes

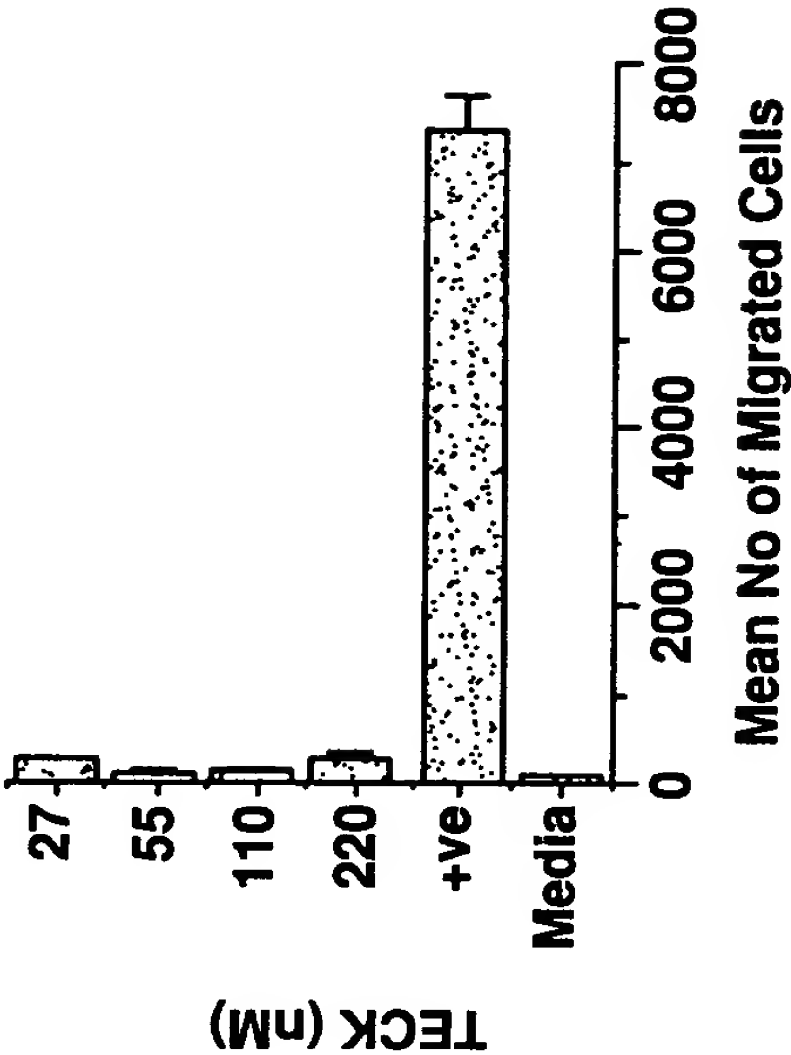


FIG. 10C
Eosinophils

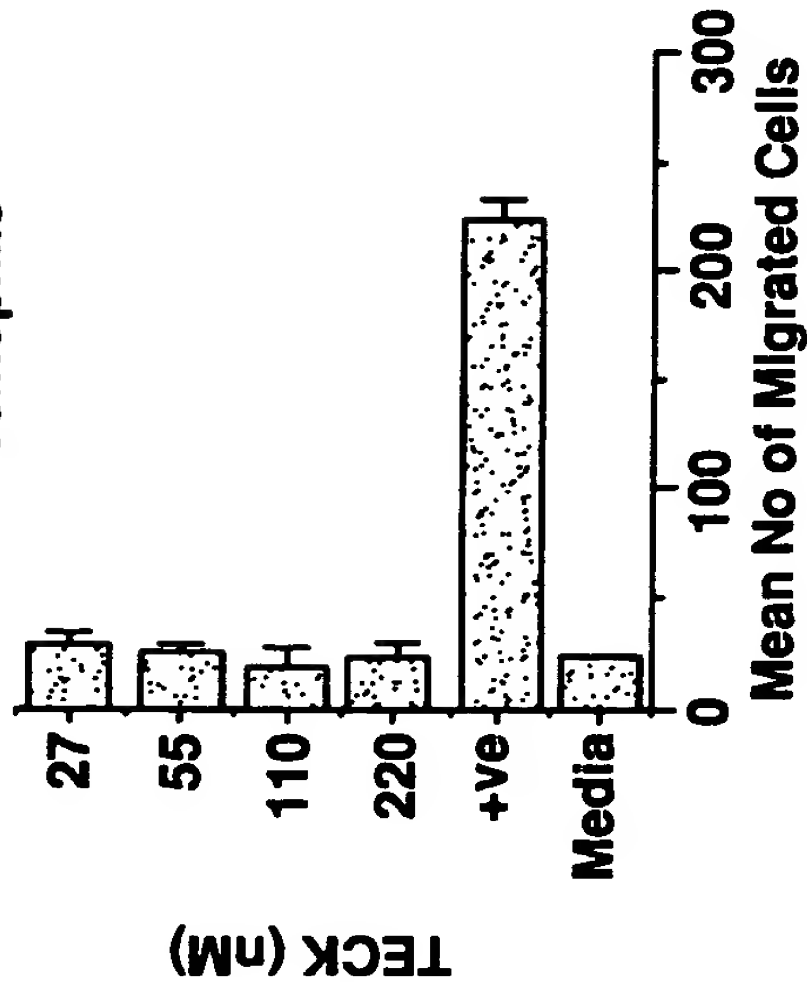


FIG. 10D
NK Cells

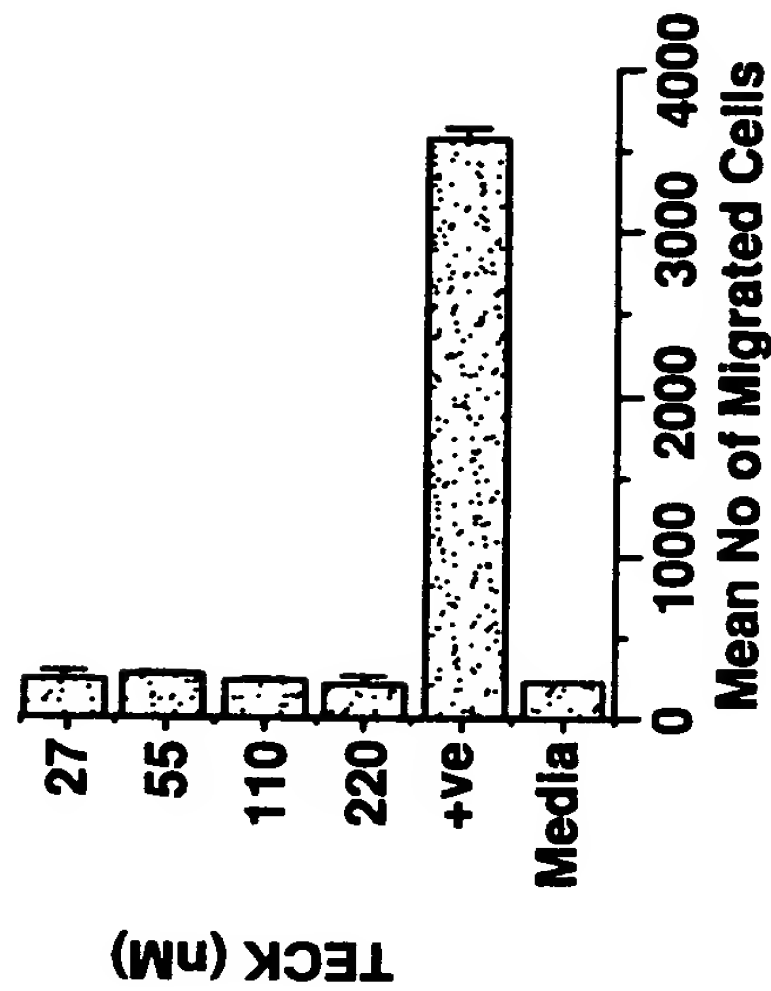


FIG. 10E
Neutrophils

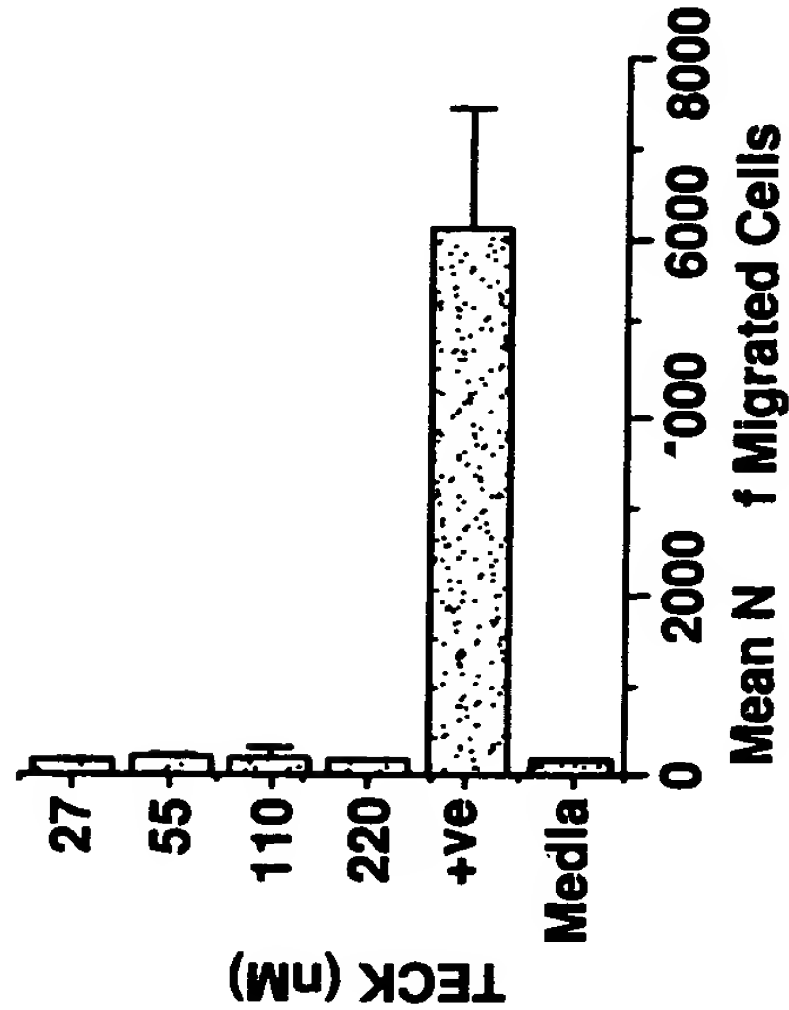


FIG. 10F
CD4 Lymphocytes

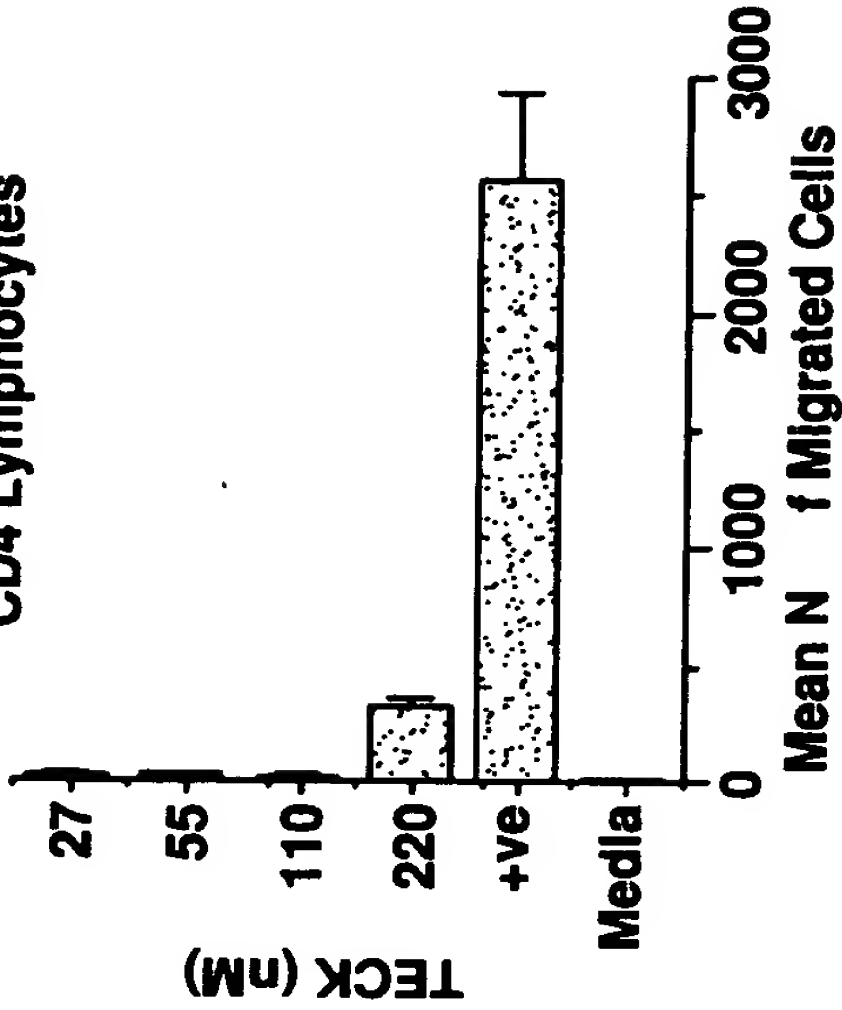


FIG. 11A

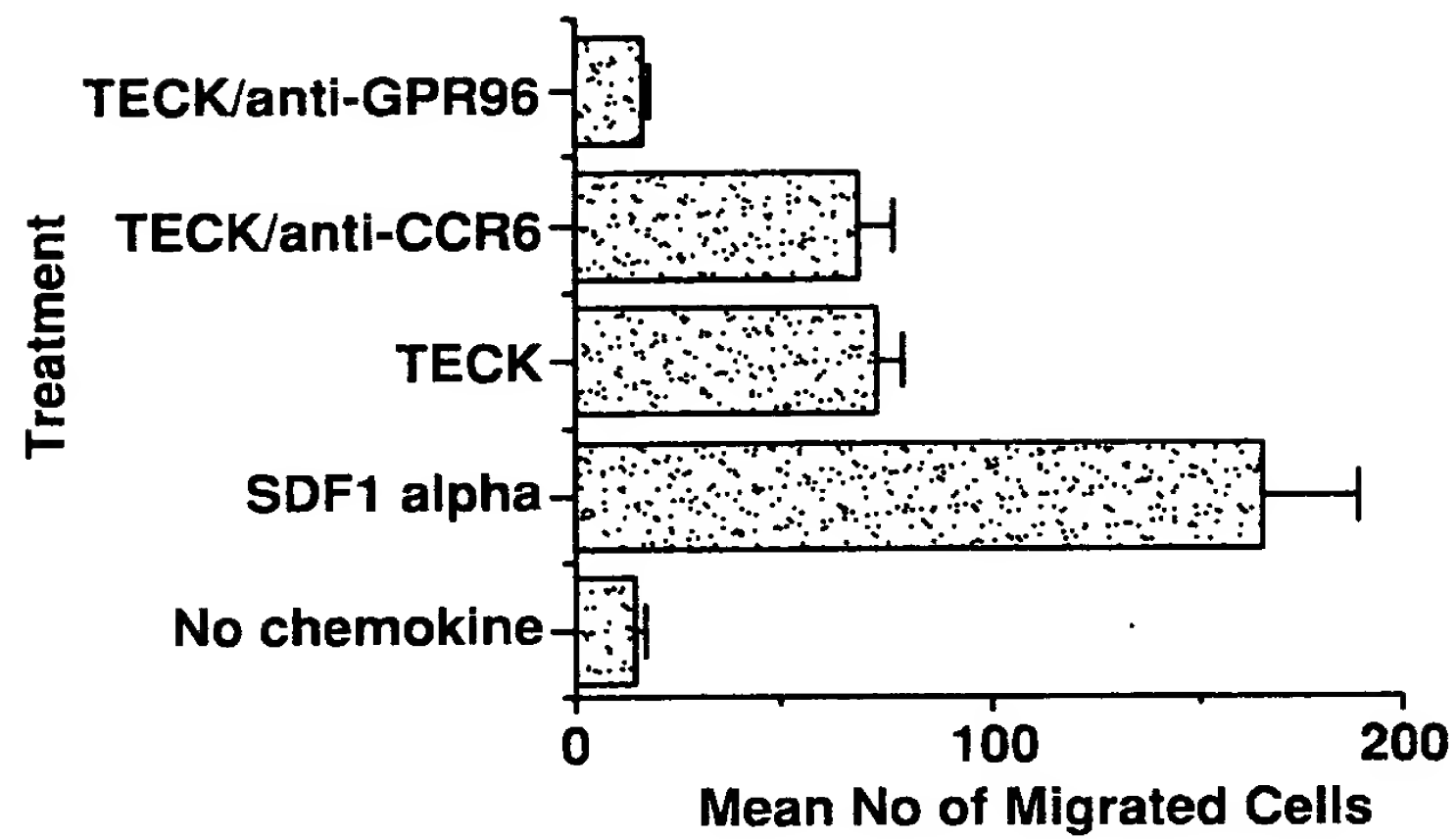


FIG. 11B

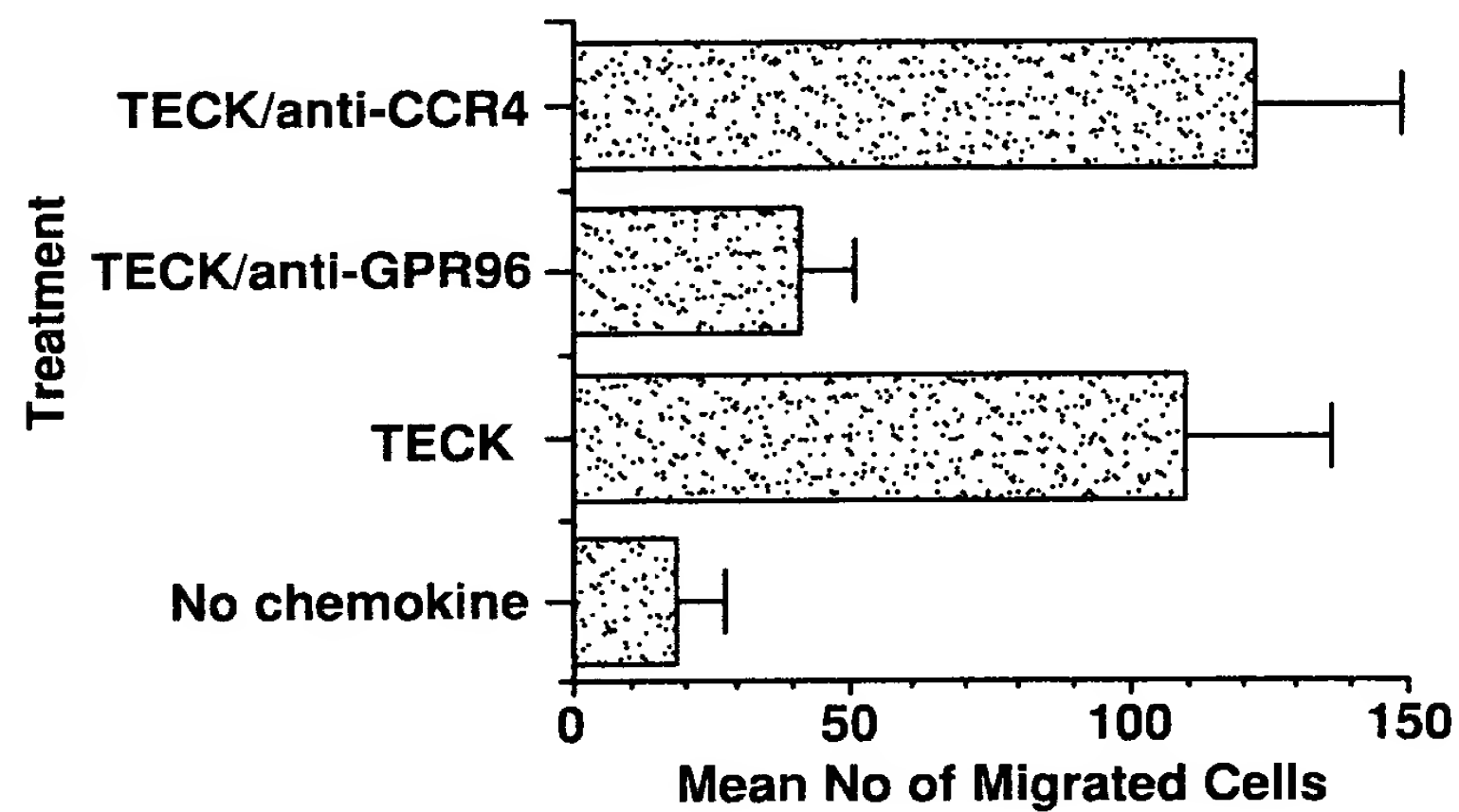


FIG. 11C

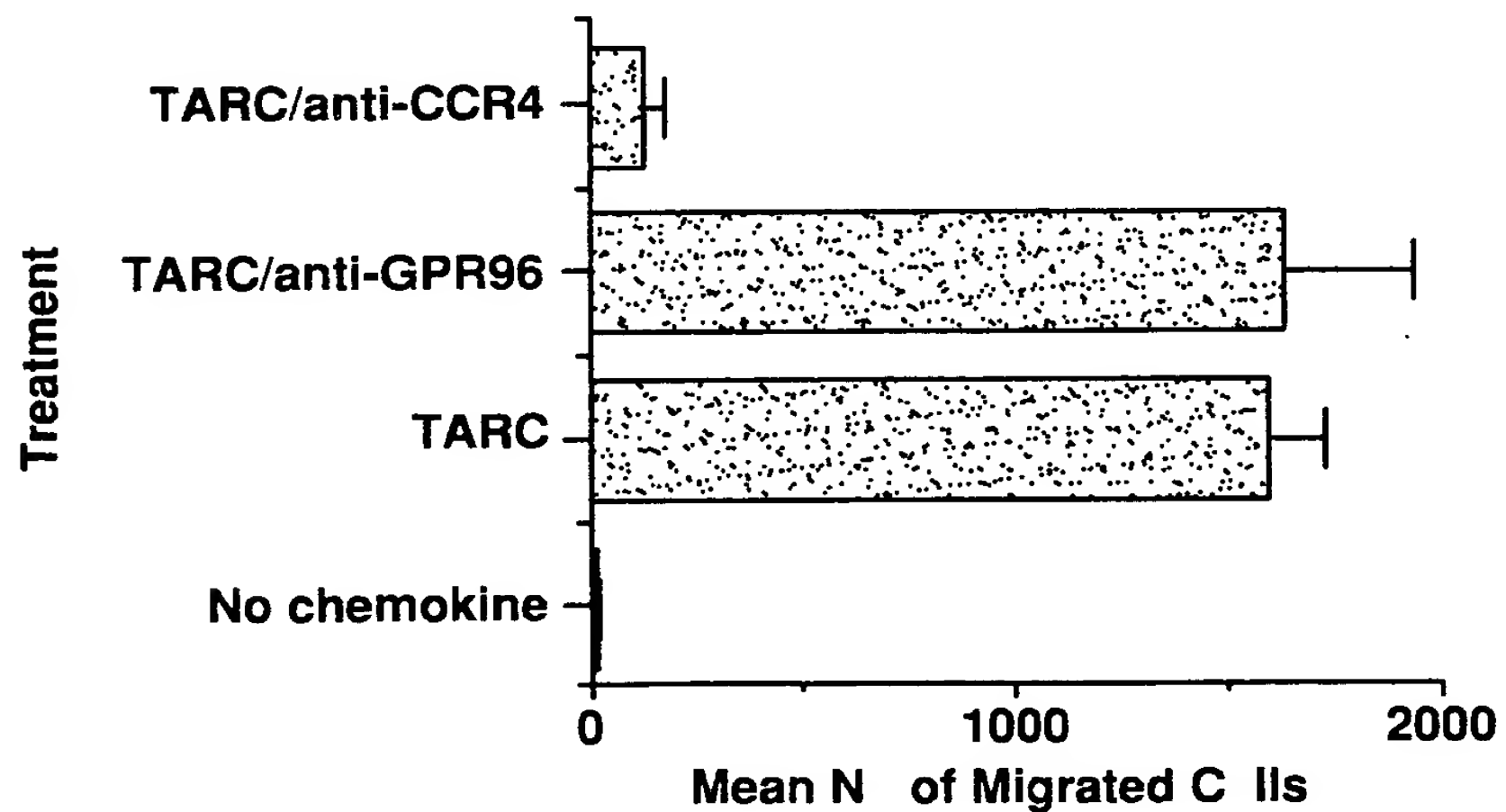


FIG. 11A

FIG. 12A

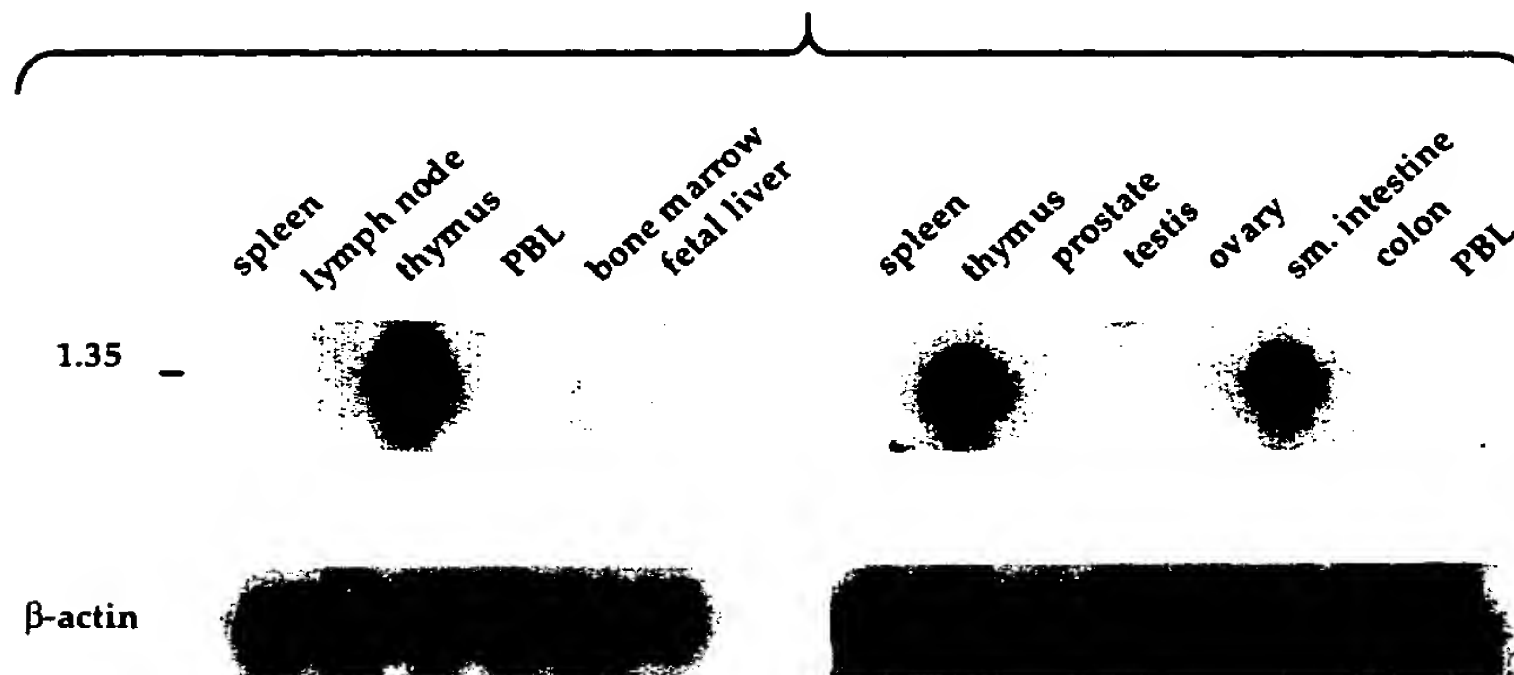


FIG. 12B

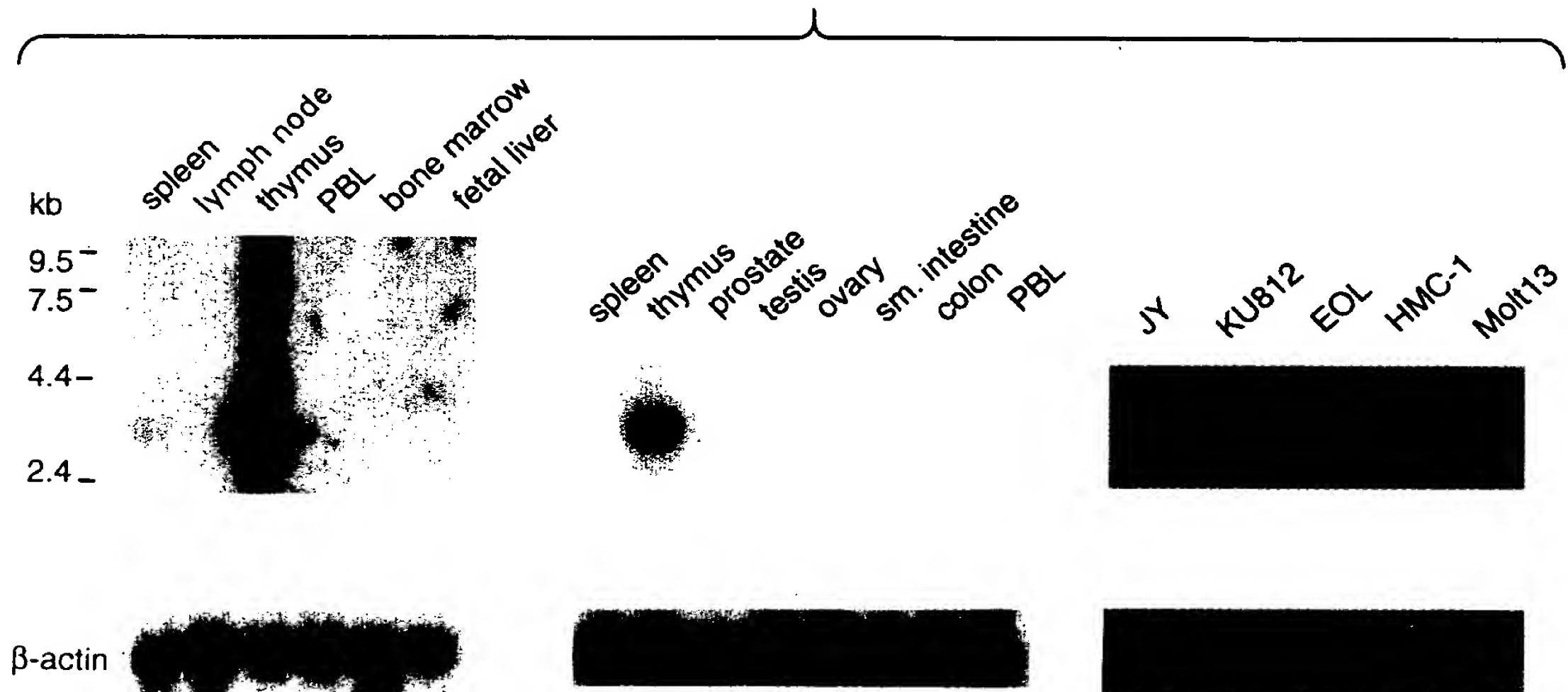


FIG. 12C

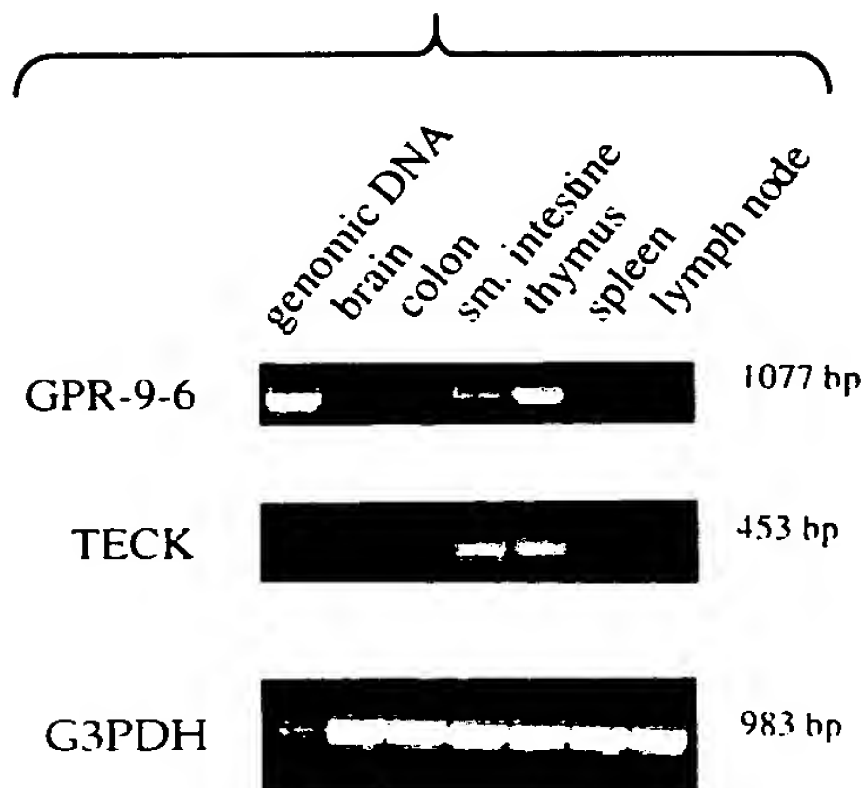


FIG. 13A

Memory CD4 T cells
CD4 (+) CD45RA (-)

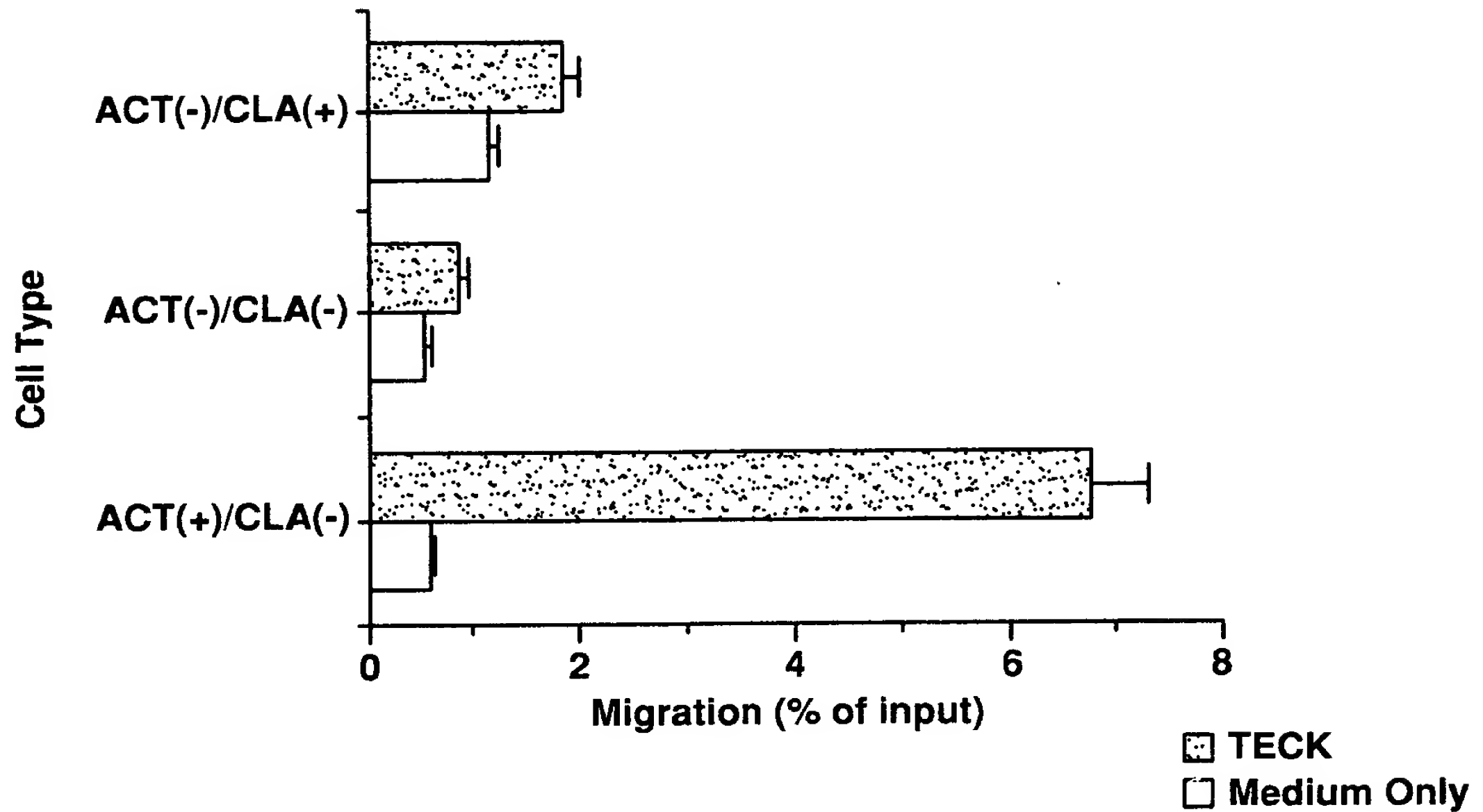
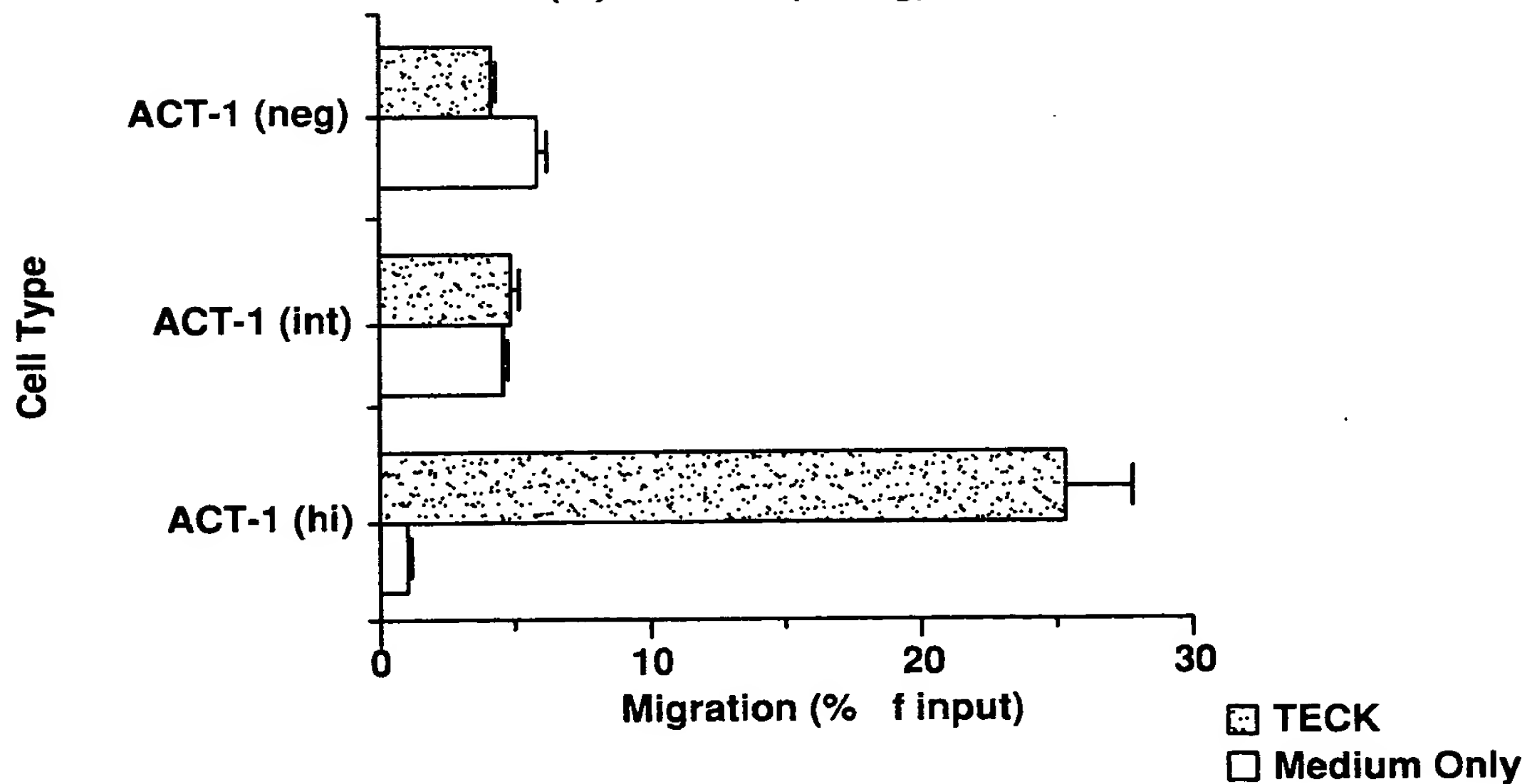


FIG. 13B

Memory CD8 T cells
CD8 (hi) CD45RA (lo/neg) CD27 (+)



103250" 5499650

FIG. 14A

```

1  aatattttcc ttgacctaat gccatttgt gtcccccttg agagccctat tcctaacatg
61  gctgatgact atggctctga atccacatct tccatggaag actacgttaa cttcaacttc
121 actgacttct actgtgagaa aaacaatgtc aggcagtttg cgagccatth cctcccaccc
181 ttgtactggc tcgtgttcat cgtgggtgcc ttgggcaaca gtcttgttat ccttgtctac
241 tggtagtgca caagagtga gaccatgacc gacatgttcc ttttgaatth ggcaattgct
301 gacctcctct ttcttgtcac tcttcccttc tgggccattg ctgctgctga ccagtggaag
361 ttccagacct tcattgtgcaa ggtggtcaac agcatgtaca agatgaaact ctacagctgt
421 gtgttgctga tcattgtgcat cagcgtggac aggtacattg ccattgcccc ggccatgaga
481 gcacatactt ggaggagaa aaggcttttg tacagcaaaa tggtttgctt taccatctgg
541 gtattggcag ctgctctctg catcccagaa atcttataca gccaaatcaa ggaggaaatcc
601 ggcatthgcta tctgcacct ggtttacct agcatgaga gcaccaact gaagtcagct
661 gtcttgacct tgaaggatcat tctgggggttc ttccttccct tcgtggtcat ggcttgctgc
721 tataccatca tcatcacac cctgatacaa gccaaagaat ctccaagca caaagcccta
781 aaagtgaaca tcaatgtcct gaccgtctth gtcttgtctc agtttcccta caactgcatt
841 ttgttggtgc agaccattga cgcctatgcc atgttcatct ccaactgtgc cgtttccacc
901 aacattgaca tctgcttcca ggtcacccag accatcgcct tcttccacag ttgcctgaac
961 cctgttctct atgtttttgt ggtgagaga ttccgccggg atctcgtgaa accctgaag
1021 aacttgggtt gcatcagcca ggccagtgg gtttcattha caaggagaga gggaagcttg
1081 aagctgtcgt ctatgttgct ggagacaacc tcaggagcac tctccctctg aggggtcttc
1141 tctgaggtgc atggttctth tggagaaat gagaatatca tgaacagtt tccccactga
1201 tgggaccaga gagagtga aa gagaaaagaa aactcagaaa gggatgaatc tgaactatat
1261 gattacttgt agtcagaatt tgccaaagca aatatttcaa aatcaactga ctagtgacgg
1321 aggctgttga ttggctcttg actgtgatgc ccgcaattct caaaggagga ctaaggaccg
1381 gactgttga gcacctggc ttgtccactc gccggagcat caatgccgt gcctctggag
1441 gagcccttgg attttctcca tgcactgtga acttctgtgg cttcagttct catgctgcct
1501 ctccaaaag gggacacaga agcactggct gctgctacag accgcaaaa accgaaagttt
1561 cgtgaaaaatg tccatctttg gaaaatttth taccctgctc ttgagcctga taacctatgc
1621 caggctcttat agattcctga tctagaacct ttccaggcaa tctcagacct aatttcctc
1681 tgttctcctt gttctgttct gggccagtga aggtccttgt tctgatttg aaacgatctg
1741 caggctcttgc cagtgaacct ctggacaacc gaccacacc acaaggcatc caaagtctgt
1801 tggcttccaa tccatttctg tgtcctgctg gagttttaa ctagacaag gattccgctt

```

FIG. 14B

FIG. 14B

1861 attccttggt atggtgacag tgtctctcca tggcctgagc agggagatta taacagctgg
1921 gttcgcagga gccagccttg gccctgttgt aggcctgttc tgtgagtgg cacttgcttt
1981 ggggtccaccg tctgtctgct ccctagaaaa tgggctgggt cttttggccc tcttctttct
2041 gagggccact ttattctgag gaatacagtg agcagatatg ggcagcagcc aggtagggca
2101 aaggggtgaa gcgcaggcct tgctggagg ctatttactt ccctgttct ccttttctta
2161 ctctatagt gcaacatttt aaaagcttt aacttagaga ttaggctgaa aaaaataagt
2221 aatggaattc acctttgcat cttttgtgtc ttcttatca tgatttggca aatgcatca
2281 cctttgaaaa tatttcacat attggaaaag tgctttttaa tgtgtatatg aagcattaat
2341 tacttgtcac ttcttttacc ctgtctcaat atttaagtg tgtgcaatta aagatcaaat
2401 agatacatta agagtgtgaa ggctgggtctg aaggtagtga gctatctcaa tcggattggt
2461 cacactcagt tacagattga actccttggt ctactccct gcttctctct actgcaattg
2521 actagtcttt aaaaaaaagt gtgaagagta agcaataggg ataaggaaat aagatct

Variable	Mean	SD	Min	Max
Age	34.5	10.2	21	55
Gender	Male	Female		
Marital status	Married	Single		
Education	High school	College		
Occupation	Manager	Worker		
Income	\$10,000	\$20,000		
Health status	Good	Fair		
Exercise frequency	Weekly	Monthly		
Stress level	Low	High		
Sleep quality	Good	Poor		
Dietary habits	Healthy	Unhealthy		
Alcohol consumption	None	Occasional		
Smoking status	Non-smoker	Smoker		
Family size	2	3		
Work hours	40	50		
Commuting time	30	45		
Home ownership	Owner	Renter		
Neighborhood safety	Safe	Unsafe		
Access to green spaces	Yes	No		
Proximity to public transport	Close	Far		
Local community involvement	Active	Passive		
Perceived quality of life	High	Low		

FIG. 15

MADDYGSESTSSMEDYVNFNFNTDFYCEKNNVRQFASHFLPPLYW
LVFIVGALGNSLVILVYWYCTRVKTM TDMFLLNLAIADLLFLVTL PFWAIAAADQWKF
QTFMCKVVNSMYKMNFYSCVLLIMCISVDRIYIAIAQAMRAHTWREKRLLYSKMVCFTI
WVLAAALCIPEILYSQIKEESGIAICTMVYPSDESTKLKSAVLT LKVILGFFLPFVVM
ACCYTII IHTLIQAKKSSKHKALKVTITVLT V FVLSQFPYNCILLVQTIDAYAMFISN
CAVSTNIDICFQVTQTIAFFHSCLNPVLYVFVGERFRRDLVKTLK NLGCISQAQWVSF
TRREGSLKLSSMLLETTSGALSL